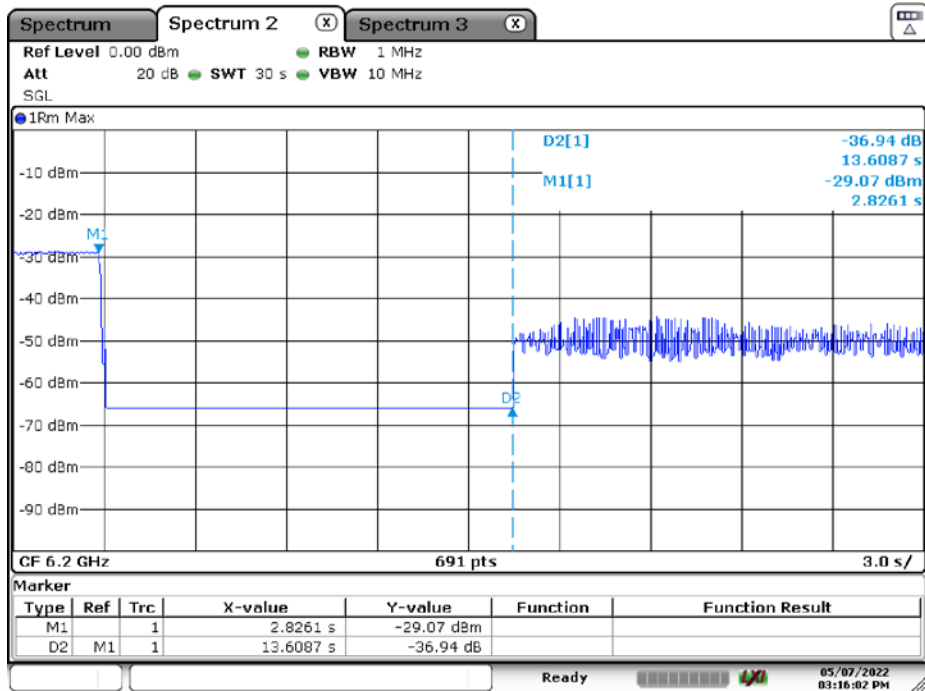


Date: 7.MAY.2022 15:01:18

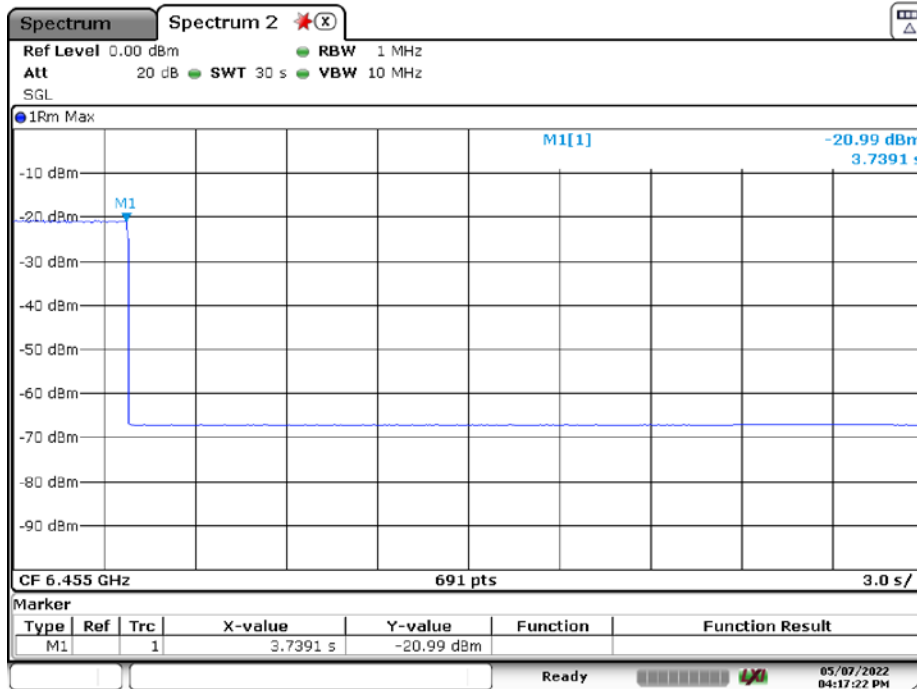
Plot 7-979. Contention Based Protocol Timing Plot – UNII 5 – 160MHz Ch47 – Mid



Date: 7.MAY.2022 15:16:02

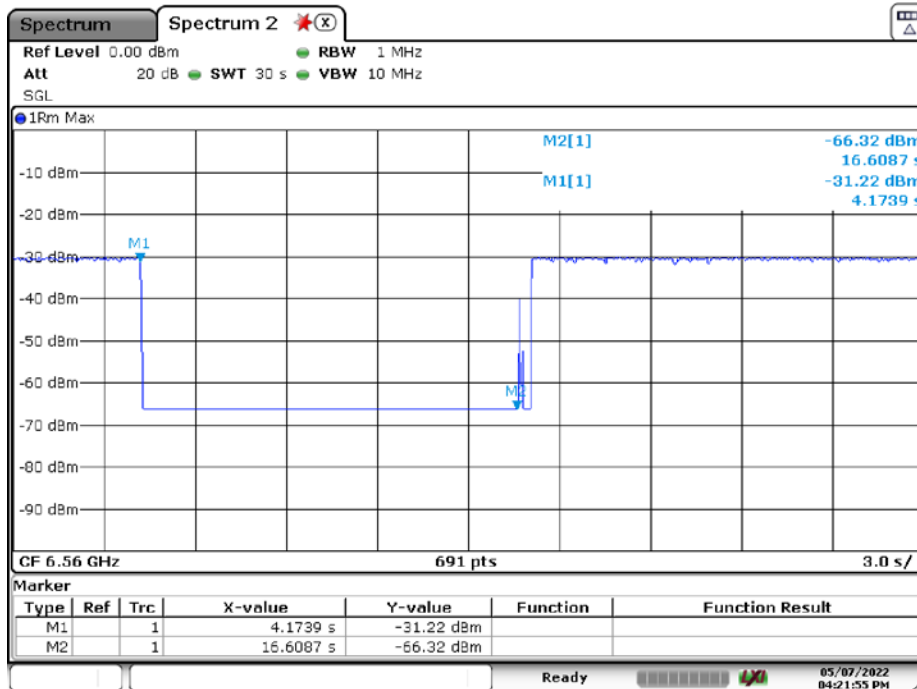
Plot 7-980. Contention Based Protocol Timing Plot – UNII 5 – 160MHz Ch47 - High

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Date: 7.MAY.2022 16:17:22

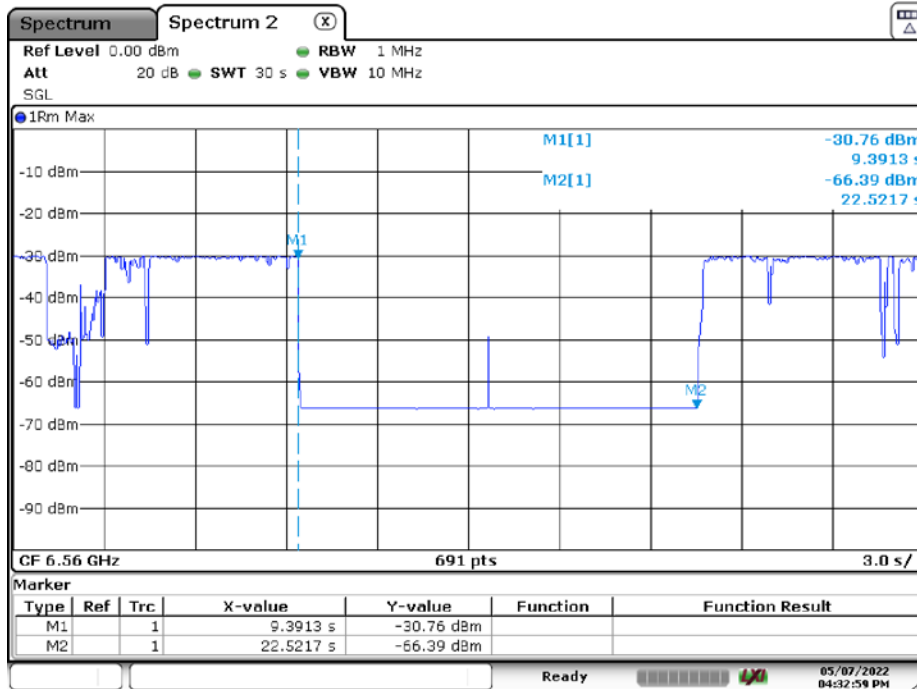
Plot 7-981. Contention Based Protocol Timing Plot – UNII 6 – 20MHz Ch101



Date: 7.MAY.2022 16:21:54

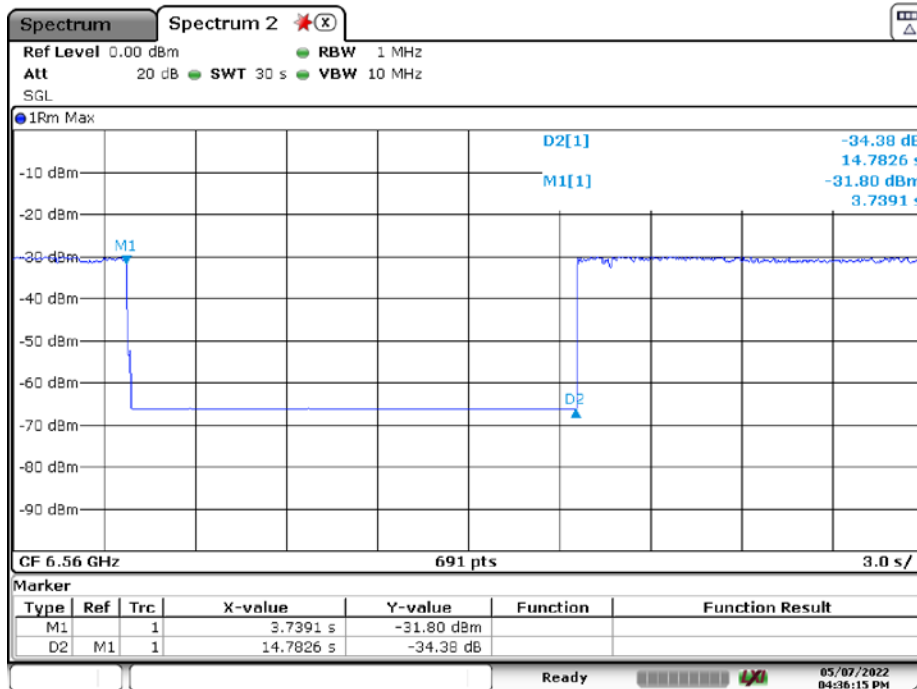
Plot 7-982. Contention Based Protocol Timing Plot – UNII 6 – 160MHz Ch111 – Low

FCC ID: C3K1997		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Date: 7.MAY.2022 16:32:58

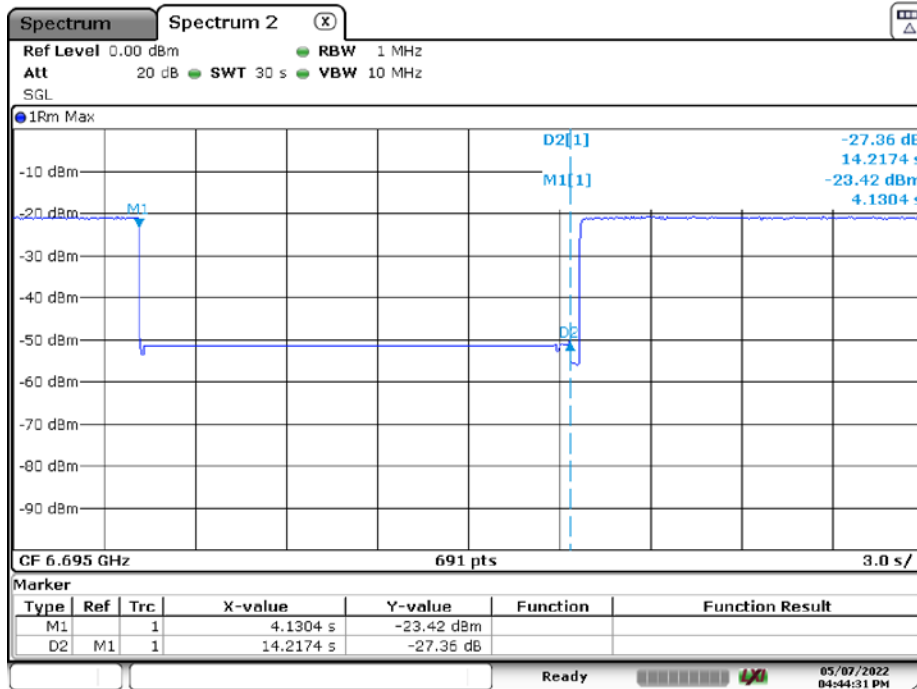
Plot 7-983. Contention Based Protocol Timing Plot – UNII 6 – 160MHz Ch111 – Mid



Date: 7.MAY.2022 16:36:15

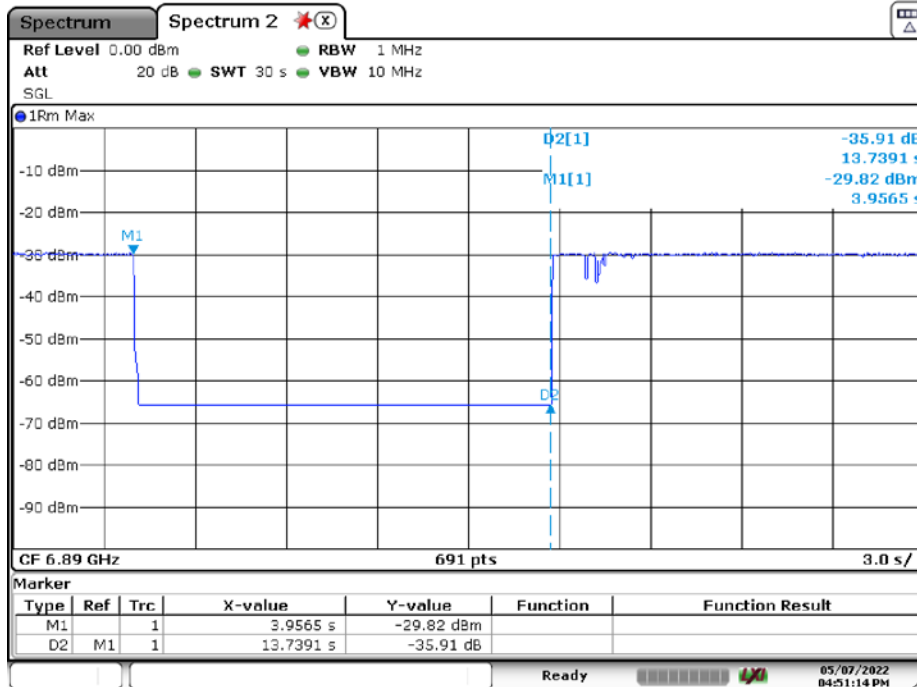
Plot 7-984. Contention Based Protocol Timing Plot – UNII 6 – 160MHz Ch111 - High

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Date: 7.MAY.2022 16:44:31

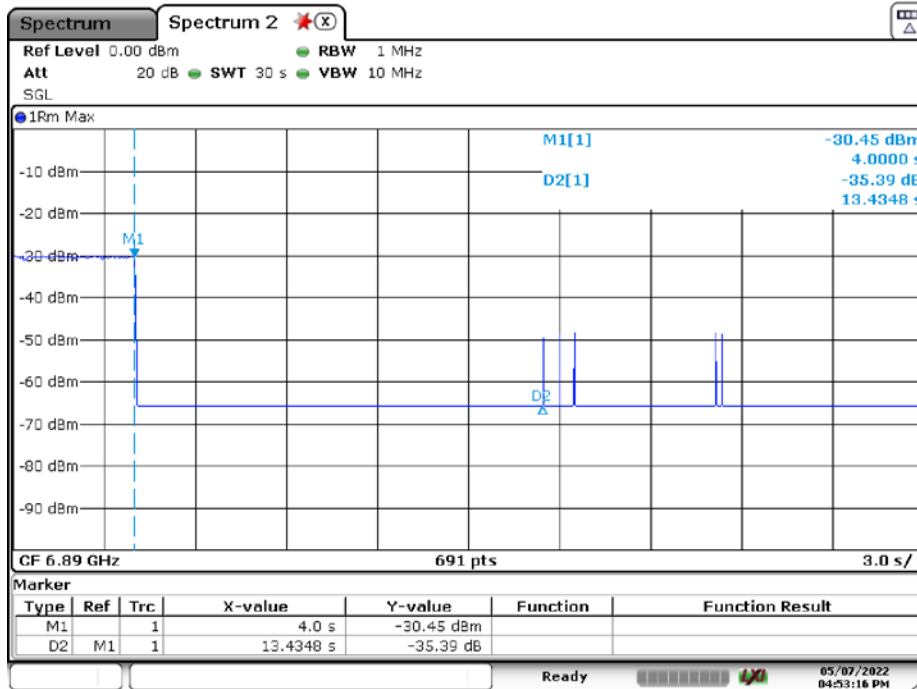
Plot 7-985. Contention Based Protocol Timing Plot – UNII 7 – 20MHz Ch149



Date: 7.MAY.2022 16:51:14

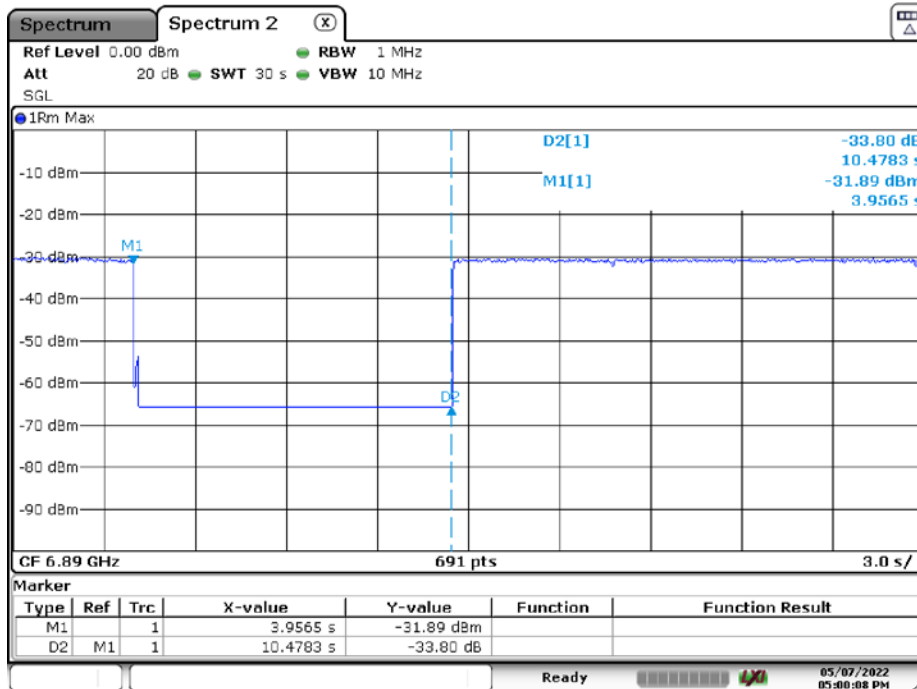
Plot 7-986. Contention Based Protocol Timing Plot – UNII 7 – 160MHz Ch175 – Low

FCC ID: C3K1997		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Date: 7.MAY.2022 16:53:16

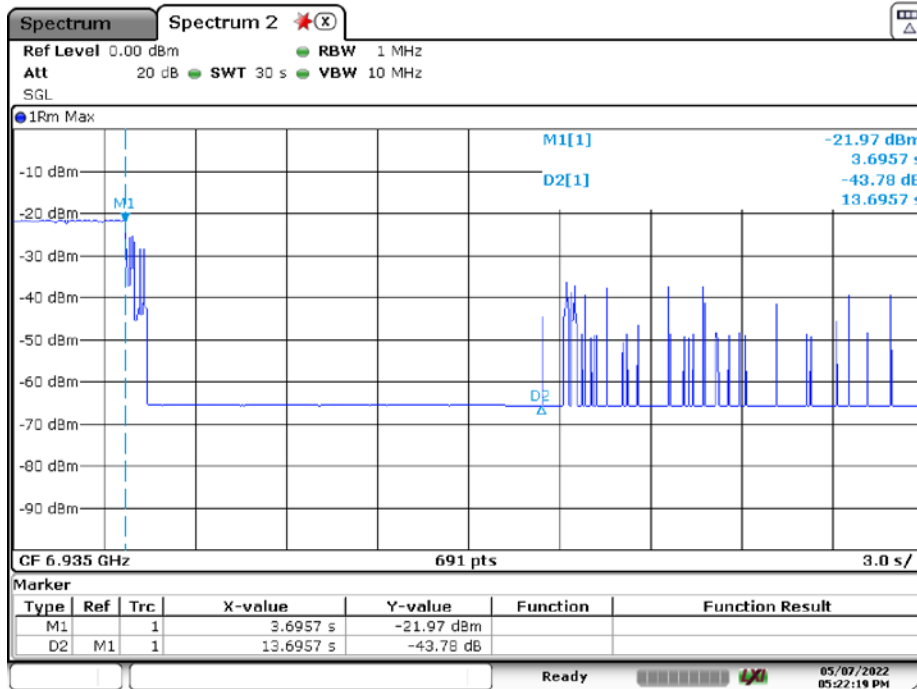
Plot 7-987. Contention Based Protocol Timing Plot – UNII 7 – 160MHz Ch175 – Mid



Date: 7.MAY.2022 17:00:08

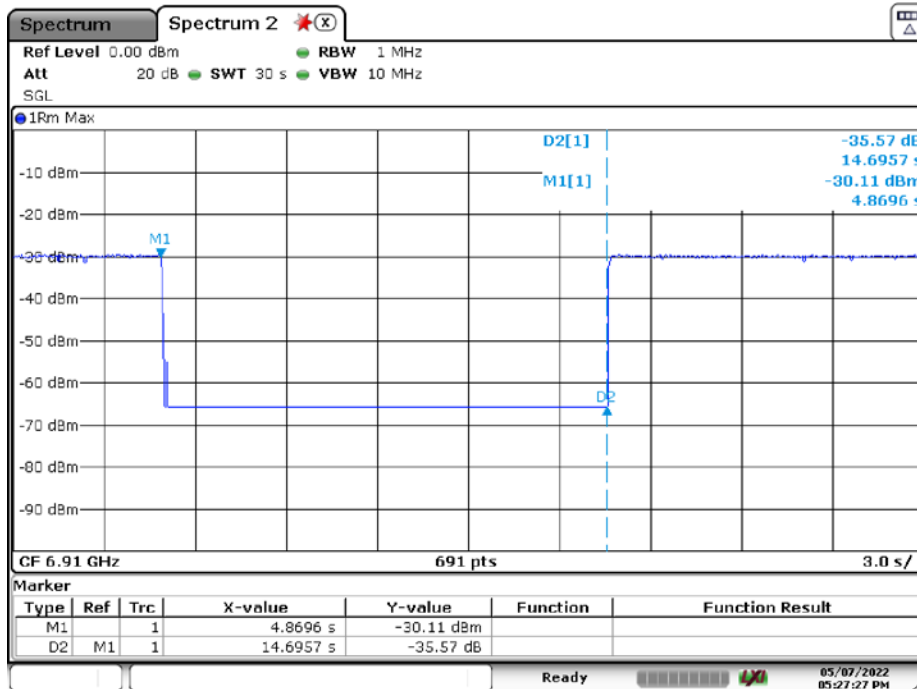
Plot 7-988. Contention Based Protocol Timing Plot – UNII 7 – 160MHz Ch175 - High

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Date: 7.MAY.2022 17:22:19

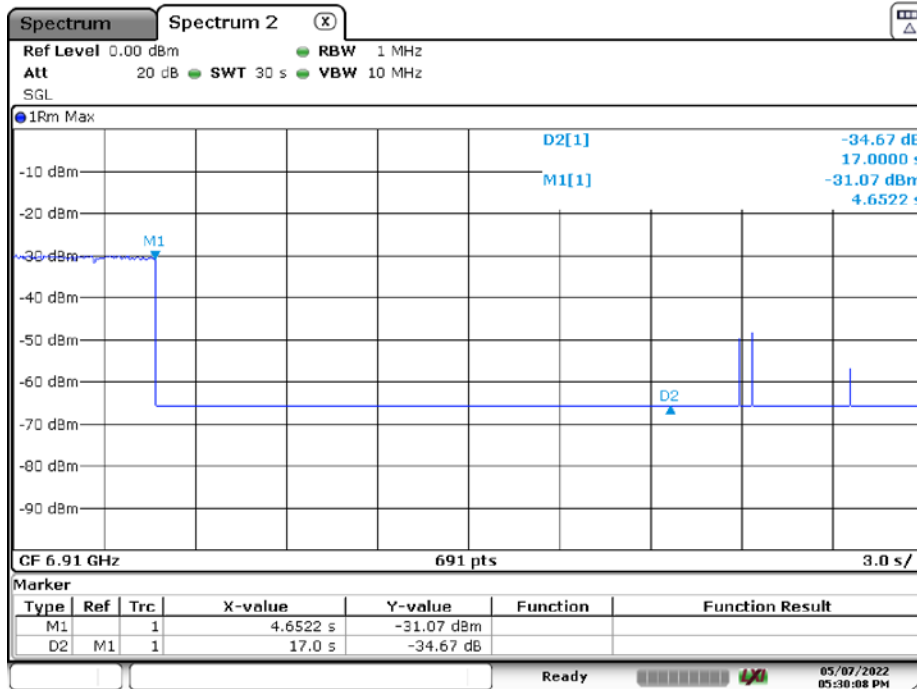
Plot 7-989. Contention Based Protocol Timing Plot – UNII 8 – 20MHz Ch197



Date: 7.MAY.2022 17:27:27

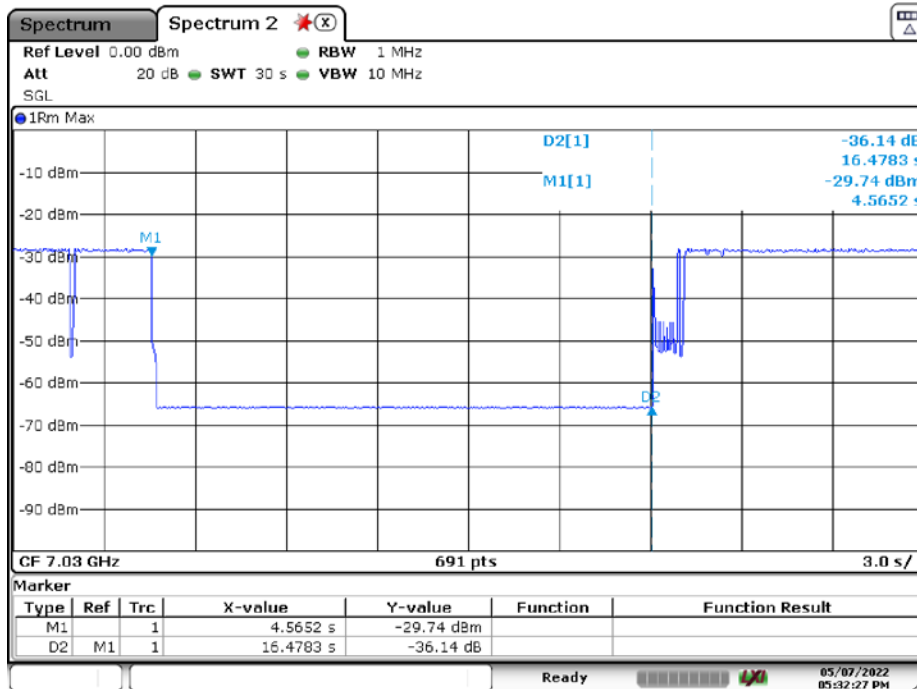
Plot 7-990. Contention Based Protocol Timing Plot – UNII 8 – 160MHz Ch207 – Low

FCC ID: C3K1997		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Date: 7.MAY.2022 17:30:08

**Plot 7-991. Contention Based Protocol Timing Plot – UNII 8 – 160MHz Ch207 – Mid**



Date: 7.MAY.2022 17:32:27

**Plot 7-992. Contention Based Protocol Timing Plot – UNII 8 – 160MHz Ch207 - High**

FCC ID: C3K1997	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Technical Manager
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## 7.7 Radiated Spurious Emission Measurements – Above 1GHz

§15.205, §15.209

### Test Overview and Limit

All out of band radiated spurious emissions are measured with a spectrum analyzer connected to a receive antenna while the EUT is operating at its maximum duty cycle, at its maximum power control level, as defined in ANSI C63.10-2013 and KDB 789033 D02 v02r01, and at the appropriate frequencies. All channels, modes (e.g. 802.11ax (20/40/80/160MHz)), and modulations/data rates were investigated among all UNII bands. Only the radiated emissions of the configuration that produced the worst case emissions are reported in this section.

***For transmitters operating within the 5.925-7.125 GHz band: Any emissions outside of the 5.925-7.125 GHz band must not exceed an e.i.r.p. of -27 dBm/MHz***

***Emissions found in a restricted band are subject to the limits of 15.209 as shown in the table below.***

Frequency	Field Strength [ $\mu\text{V/m}$ ]	Measured Distance [Meters]
Above 960.0 MHz	500	3

Table 7-77. Radiated Limits

### Test Procedures Used

ANSI C63.10-2013 – Sections 12.7.7.2, 12.7.6, 12.7.5  
KDB 789033 D02 v02r01 – Section G

### Test Settings

#### Average Measurements above 1GHz (Method AD)

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = power average (RMS)
5. Number of measurement points = 1001 (Number of points must be  $\geq 2 \times \text{span/RBW}$ )
6. Averaging type = power (RMS)
7. Sweep time = auto couple
8. Trace was averaged over 100 sweeps

#### Peak Measurements above 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

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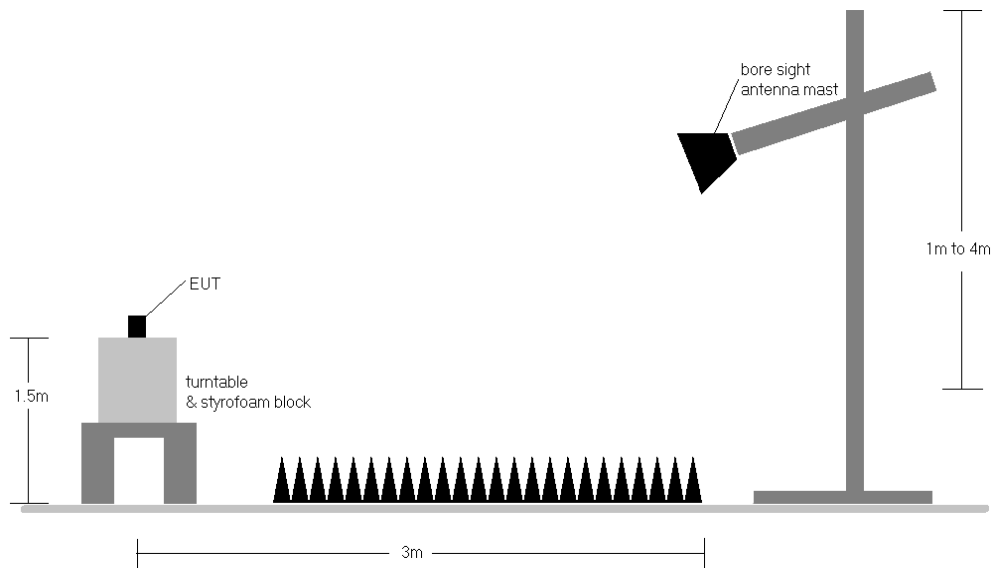


**Peak Measurements below 1GHz**

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. Span was set greater than 1MHz
3. RBW = 120kHz
4. Detector = CISPR quasi-peak
5. Sweep time = auto couple
6. Trace was allowed to stabilize

**Test Setup**

The EUT and measurement equipment were set up as shown in the diagram below.



**Figure 7-6. Test Instrument & Measurement Setup**

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<b>Test Report S/N:</b> 1M2204040049-18-R2.C3K	<b>Test Dates:</b> 3/14/2022 – 8/18/2022	<b>EUT Type:</b> Portable Computing Device	Page 558 of 630

**Test Notes**

1. All emissions that lie in the restricted bands (denoted by a \* next to the frequency) specified in §15.205 are below the limit shown in Table 7-77.
2. All spurious emissions lying in restricted bands specified in §15.205 are below the limit shown in Table 7-77. All spurious emissions that do not lie in a restricted band are subject to an average limit of -27dBm/MHz. At a distance of 3 meters, the field strength limit in dB $\mu$ V/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dB $\mu$ V/m.
3. All spurious emissions that do not lie in a restricted band are subject to a peak limit not to exceed 20dB of the average limit [68.2dB $\mu$ V/m]. If a peak measurement passes the average limit it was determined no further investigation is necessary.
4. The antenna is manipulated through typical positions, polarity and length during the tests. The EUT is manipulated through three orthogonal planes.
5. This unit was tested with its standard battery.
6. The spectrum is measured from 9kHz to the 10th harmonic of the fundamental frequency of the transmitter using CISPR quasi peak detector below 1GHz. Above 1 GHz, average and peak measurements were taken using linearly polarized horn antennas. The worst-case emissions are reported however emissions whose levels were not within 20dB of the respective limits were not reported.
7. Emissions below 18GHz were measured at a 3 meter test distance while emissions above 18GHz were measured at a 1 meter test distance with the application of a distance correction factor.
8. Radiated spurious emissions were investigated while operating in MIMO mode, however, it was determined that single antenna operation produced the worst case emissions. Since the emissions produced from MIMO operation were found to be more than 20dB below the limit, the MIMO emissions are not reported.
9. The wide spectrum spurious emissions plots shown on the following pages are used only for the purpose of emission identification. Any emissions found to be within 20dB of the limit are fully investigated and the results are shown in this section.
10. The "-" shown in the following RSE tables are used to denote a noise floor measurement.

**Sample Calculations**

**Determining Spurious Emissions Levels**

- o Field Strength Level [dB $\mu$ V/m] = Analyzer Level [dBm] + 107 + AFCL [dB/m]
- o AFCL [dB/m] = Antenna Factor [dB/m] + Cable Loss [dB]
- o Margin [dB] = Field Strength Level [dB $\mu$ V/m] – Limit [dB $\mu$ V/m]

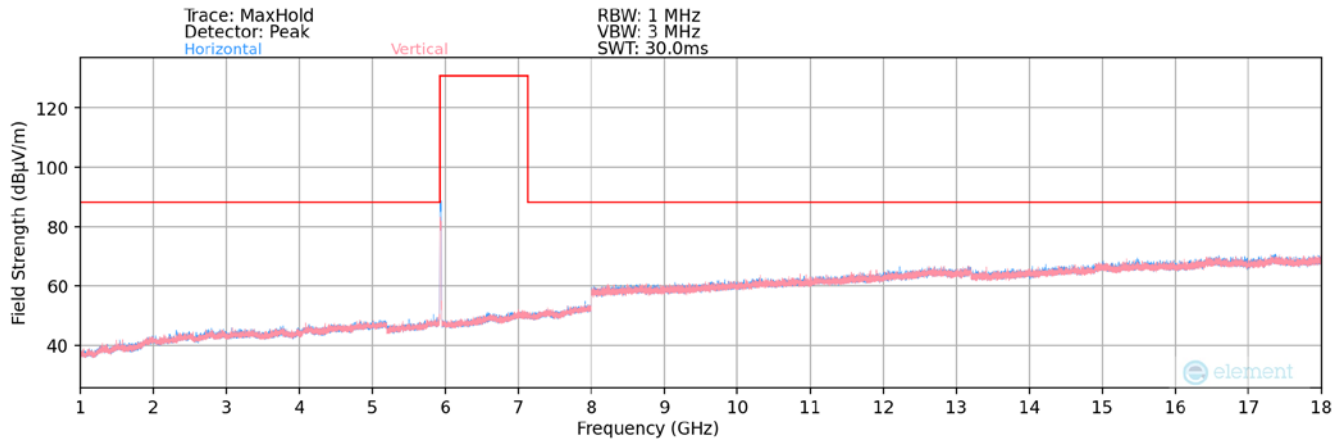
**Radiated Band Edge Measurement Offset**

- o The amplitude offset shown in the radiated restricted band edge plots was calculated using the formula:

$$\text{Offset (dB)} = (\text{Antenna Factor} + \text{Cable Loss} + \text{Attenuator}) - \text{Preamplifier Gain}$$

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## 7.7.2 SISO ANT1 Radiated Spurious Emission Measurements (106 Tones)



**Plot 7-993. Radiated Spurious Plot above 1GHz SISO ANT1 (802.11ax – UNII Band 5 – 20MHz – Ch.45)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 5935MHz  
 Channel: 2

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
* 11870.00	Average	H	-	-	-83.20	14.63	0.00	38.43	53.98	-15.55
* 11870.00	Peak	H	-	-	-71.77	14.63	0.00	49.86	73.98	-24.12
* 17805.00	Average	H	-	-	-84.26	22.56	0.00	45.30	53.98	-8.68
* 17805.00	Peak	H	-	-	-72.90	1.63	0.00	35.73	73.98	-38.25
* 23740.00	Average	H	-	-	-68.04	3.94	-9.54	33.36	53.98	-20.62
* 23740.00	Peak	H	-	-	-58.17	3.94	-9.54	43.24	73.98	-30.74
29675.00	Peak	H	-	-	-57.71	6.30	-9.54	46.04	68.20	-22.16

**Table 7-78. Radiated Measurements SISO ANT1 (106 Tones)**

<b>FCC ID:</b> C3K1997	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2204040049-18-R2.C3K	<b>Test Dates:</b> 3/14/2022 – 8/18/2022	<b>EUT Type:</b> Portable Computing Device	Page 560 of 630



Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6175MHz  
 Channel: 45

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
* 12350.00	Average	H	-	-	-83.20	13.69	0.00	37.49	53.98	-16.49
* 12350.00	Peak	H	-	-	-71.99	13.69	0.00	48.70	73.98	-25.28
* 18525.00	Average	H	-	-	-67.01	1.93	-9.54	32.38	53.98	-21.60
* 18525.00	Peak	H	-	-	-56.70	1.93	-9.54	42.69	73.98	-31.29
24700.00	Peak	H	-	-	-57.47	4.39	-9.54	44.37	68.20	-23.83
30875.00	Peak	H	-	-	-57.05	6.89	-9.54	47.30	68.20	-20.90

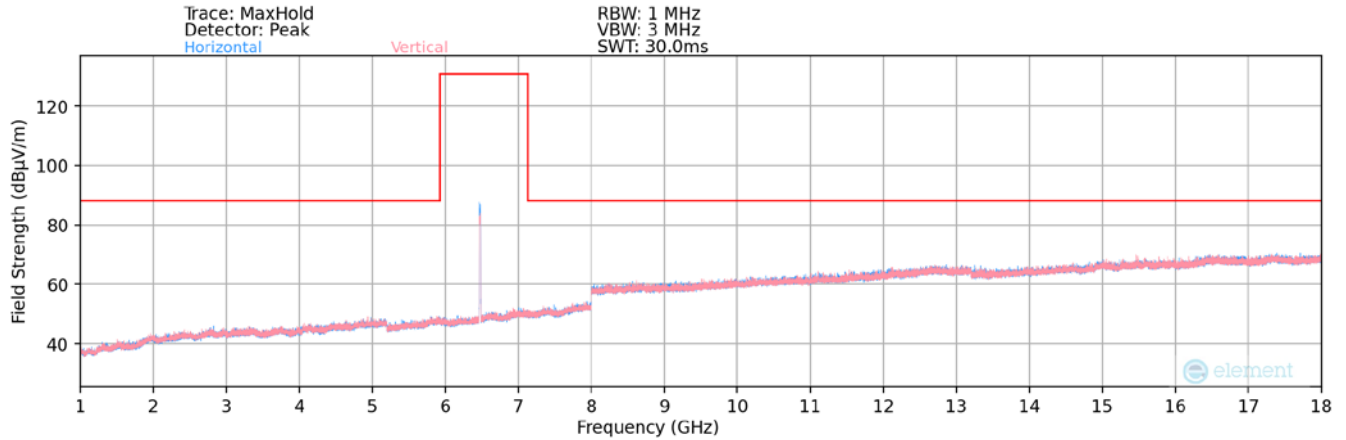
**Table 7-79. Radiated Measurements SISO ANT1 (106 Tones)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6415MHz  
 Channel: 93

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
12830.00	Peak	H	-	-	-72.32	13.70	0.00	48.38	68.20	-19.82
* 19245.00	Average	H	-	-	-67.45	2.30	-9.54	32.31	53.98	-21.67
* 19245.00	Peak	H	-	-	-57.64	2.30	-9.54	42.12	73.98	-31.86
25660.00	Peak	H	-	-	-57.06	4.61	-9.54	45.01	68.20	-23.19
32075.00	Peak	H	-	-	-57.18	7.18	-9.54	47.46	68.20	-20.74

**Table 7-80. Radiated Measurements SISO ANT1 (106 Tones)**

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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**Plot 7-994. Radiated Spurious Plot above 1GHz SISO ANT1 (802.11ax– UNII Band 6 – 20MHz – Ch.105)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6435MHz  
 Channel: 97

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
12870.00	Peak	H	-	-	-71.85	13.90	0.00	49.05	68.20	-19.15
* 19305.00	Average	H	-	-	-66.85	2.61	-9.54	33.22	53.98	-20.76
* 19305.00	Peak	H	-	-	-57.78	2.61	-9.54	42.29	73.98	-31.69
25740.00	Peak	H	-	-	-56.74	4.71	-9.54	45.43	68.20	-22.77
32175.00	Peak	H	-	-	-56.81	7.21	-9.54	47.86	68.20	-20.34

**Table 7-81. Radiated Measurements SISO ANT1 (106 Tones)**

<b>FCC ID:</b> C3K1997	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2204040049-18-R2.C3K	<b>Test Dates:</b> 3/14/2022 – 8/18/2022	<b>EUT Type:</b> Portable Computing Device	Page 562 of 630



Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6475MHz  
 Channel: 105

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
12950.00	Peak	H	-	-	-71.63	13.85	0.00	49.22	68.20	-18.98
* 19425.00	Average	H	-	-	-66.59	2.67	-9.54	33.53	53.98	-20.45
* 19425.00	Peak	H	-	-	-57.84	2.67	-9.54	42.28	73.98	-31.70
25900.00	Peak	H	-	-	-56.81	4.77	-9.54	45.42	68.20	-22.78
32375.00	Peak	H	-	-	-56.89	6.96	-9.54	47.53	68.20	-20.67

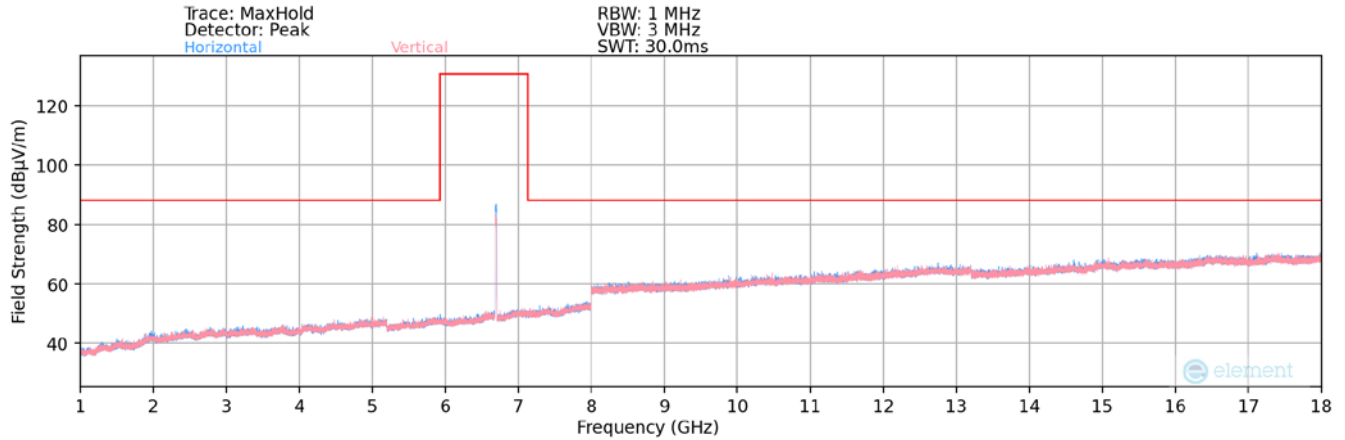
**Table 7-82. Radiated Measurements SISO ANT1 (106 Tones)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6515MHz  
 Channel: 113

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
13030.00	Peak	H	-	-	-71.60	14.85	0.00	50.25	68.20	-17.95
* 19545.00	Average	H	-	-	-67.57	2.63	-9.54	32.52	53.98	-21.46
* 19545.00	Peak	H	-	-	-57.36	2.63	-9.54	42.73	73.98	-31.25
26060.00	Peak	H	-	-	-56.59	4.83	-9.54	45.70	68.20	-22.50
32575.00	Peak	H	-	-	-55.77	6.80	-9.54	48.49	68.20	-19.71

**Table 7-83. Radiated Measurements SISO ANT1 (106 Tones)**

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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**Plot 7-995. Radiated Spurious Plot above 1GHz SISO ANT1 (802.11ax– UNII Band 7 – 20MHz – Ch.149)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6535MHz  
 Channel: 117

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
13070.00	Peak	H	-	-	-72.07	14.96	0.00	49.89	68.20	-18.31
* 19605.00	Average	H	-	-	-67.12	2.75	-9.54	33.09	53.98	-20.89
* 19605.00	Peak	H	-	-	-57.89	2.75	-9.54	42.33	73.98	-31.65
26140.00	Peak	H	-	-	-56.60	5.14	-9.54	45.99	68.20	-22.21
32675.00	Peak	H	-	-	-56.45	7.15	-9.54	48.16	68.20	-20.04

**Table 7-84. Radiated Measurements SISO ANT1 (106 Tones)**

<b>FCC ID: C3K1997</b>	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2204040049-18-R2.C3K	<b>Test Dates:</b> 3/14/2022 – 8/18/2022	<b>EUT Type:</b> Portable Computing Device	Page 564 of 630



Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6695MHz  
 Channel: 149

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
* 13390.00	Average	H	-	-	-83.36	14.69	0.00	38.33	53.98	-15.65
* 13390.00	Peak	H	-	-	-71.28	2.75	0.00	38.47	73.98	-35.51
* 20085.00	Average	H	-	-	-67.30	3.06	-9.54	33.21	53.98	-20.77
* 20085.00	Peak	H	-	-	-57.93	3.06	-9.54	42.59	73.98	-31.39
26780.00	Peak	H	-	-	-56.98	5.33	-9.54	45.80	68.20	-22.40
33475.00	Peak	H	-	-	-56.93	7.51	-9.54	48.04	68.20	-20.16

**Table 7-85. Radiated Measurements SISO ANT1 (106 Tones)**

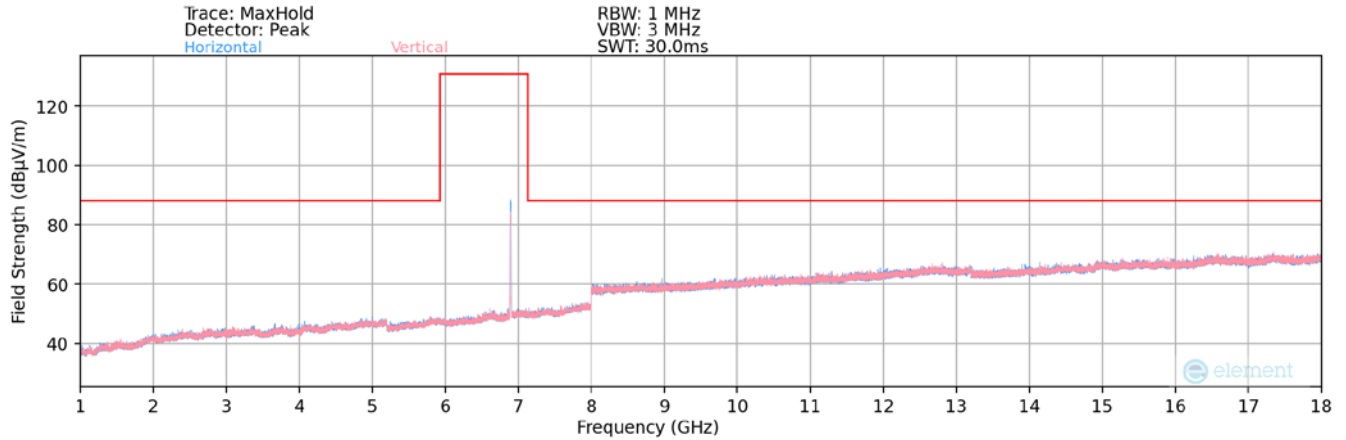
Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6875MHz  
 Channel: 185

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
13750.00	Peak	H	-	-	-72.95	16.28	0.00	50.33	68.20	-17.87
* 20625.00	Average	H	-	-	-67.99	3.32	-9.54	32.79	53.98	-21.19
* 20625.00	Peak	H	-	-	-59.00	3.32	-9.54	41.78	73.98	-32.20
27500.00	Peak	H	-	-	-57.10	4.97	-9.54	45.32	68.20	-22.88
34375.00	Peak	H	-	-	-56.95	7.82	-9.54	48.34	68.20	-19.86

**Table 7-86. Radiated Measurements SISO ANT1 (106 Tones)**

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 565 of 630





**Plot 7-996. Radiated Spurious Plot above 1GHz SISO ANT1 (802.11ax– UNII Band 8 – 20MHz – Ch.209)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6895MHz  
 Channel: 189

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
13790.00	Peak	H	-	-	-71.60	16.06	0.00	51.46	68.20	-16.74
* 20685.00	Average	H	-	-	-68.04	3.24	-9.54	32.65	53.98	-21.33
* 20685.00	Peak	H	-	-	-57.69	3.24	-9.54	43.00	73.98	-30.98
27580.00	Peak	H	-	-	-55.64	5.11	-9.54	46.92	68.20	-21.28
34475.00	Peak	H	-	-	-56.02	7.75	-9.54	49.18	68.20	-19.02

**Table 7-87. Radiated Measurements SISO ANT1 (106 Tones)**

<b>FCC ID:</b> C3K1997	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2204040049-18-R2.C3K	<b>Test Dates:</b> 3/14/2022 – 8/18/2022	<b>EUT Type:</b> Portable Computing Device	Page 566 of 630

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6995MHz  
 Channel: 209

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
13990.00	Peak	H	-	-	-71.97	16.65	0.00	51.68	68.20	-16.52
* 20985.00	Average	H	-	-	-67.66	3.52	-9.54	33.32	53.98	-20.66
* 20985.00	Peak	H	-	-	-58.12	3.52	-9.54	42.85	73.98	-31.13
27980.00	Peak	H	-	-	-55.70	4.92	-9.54	46.68	68.20	-21.52
34975.00	Peak	H	-	-	-55.85	8.03	-9.54	49.64	68.20	-18.56

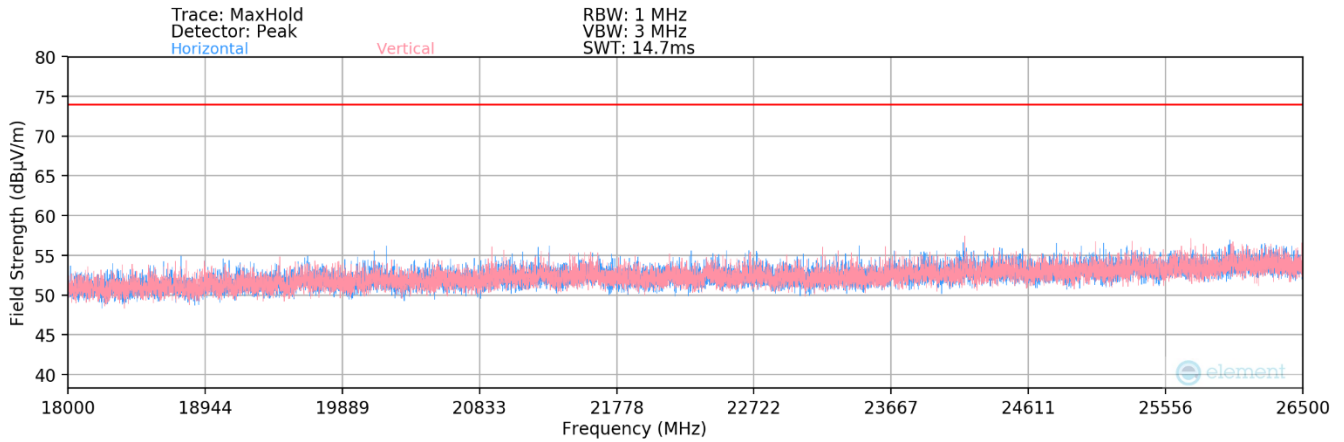
**Table 7-88. Radiated Measurements SISO ANT1 (106 Tones)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 7115MHz  
 Channel: 233

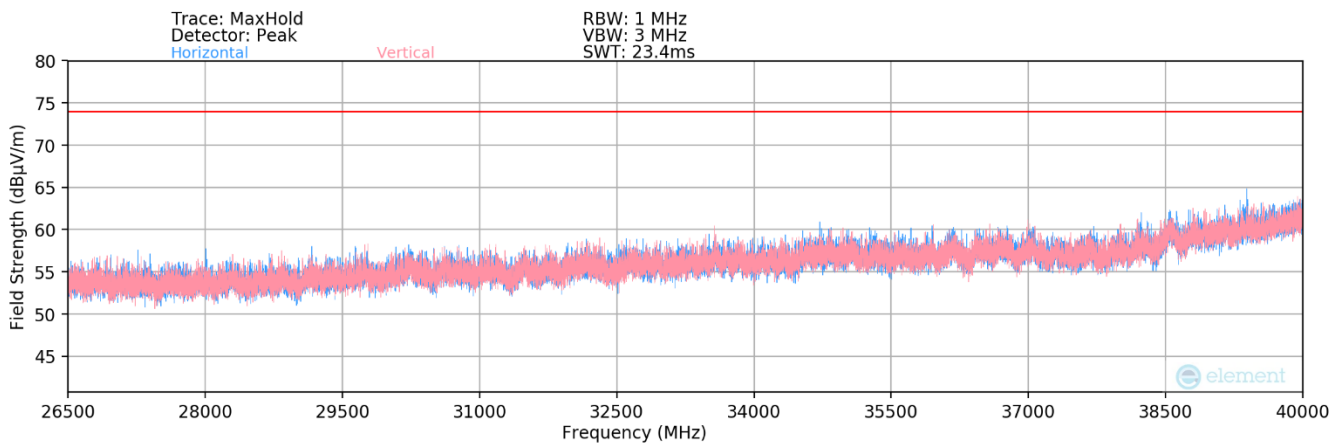
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
14230.00	Peak	H	-	-	-72.10	16.71	0.00	51.61	68.20	-16.59
* 21345.00	Average	H	-	-	-67.58	3.97	-9.54	33.84	53.98	-20.14
* 21345.00	Peak	H	-	-	-57.11	3.97	-9.54	44.31	73.98	-29.66
28460.00	Peak	H	-	-	-58.03	5.18	-9.54	44.60	68.20	-23.60
35575.00	Peak	H	-	-	-55.64	7.82	-9.54	49.64	68.20	-18.56

**Table 7-89. Radiated Measurements SISO ANT1 (106 Tones)**

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 567 of 630



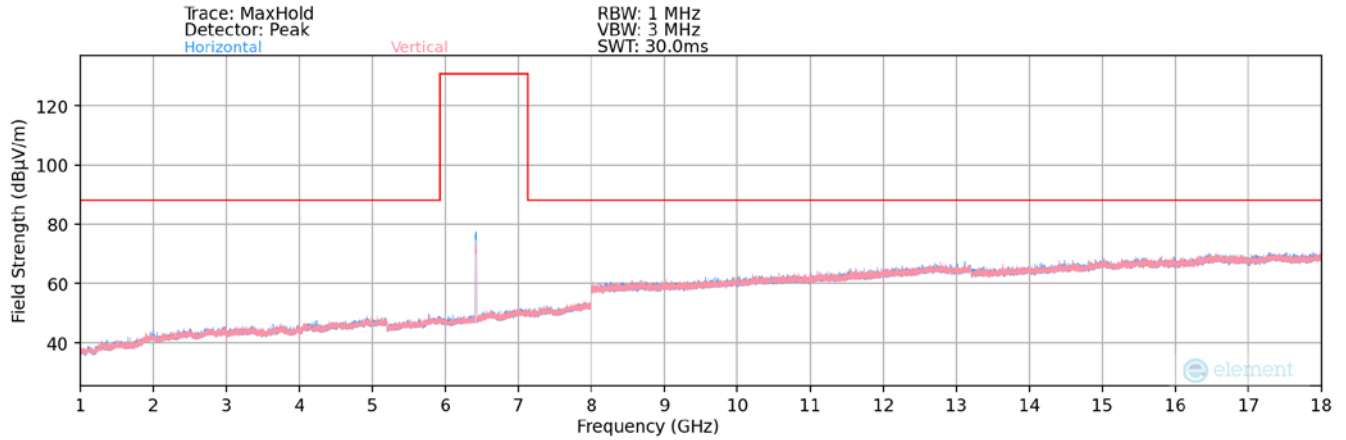
**Plot 7-997. Radiated Spurious Plot above 18GHz - 26.5GHz SISO ANT1 (802.11ax)**



**Plot 7-998. Radiated Spurious Plot 26.5GHz - 40GHz SISO ANT1 (802.11ax)**

<b>FCC ID:</b> C3K1997	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2204040049-18-R2.C3K	<b>Test Dates:</b> 3/14/2022 – 8/18/2022	<b>EUT Type:</b> Portable Computing Device	Page 568 of 630

### 7.7.3 SISO ANT1 Radiated Spurious Emission Measurements (242 Tones)



**Plot 7-999. Radiated Spurious Plot above 1GHz SISO ANT1 (802.11ax – UNII Band 5 – 20MHz – Ch.45)**

Worst Case Mode:	<u>802.11ax</u>
Worst Case Transfer Rate:	<u>MCS0</u>
RU Index:	<u>61</u>
Distance of Measurements:	<u>1 &amp; 3 Meters</u>
Operating Frequency:	<u>5935MHz</u>
Channel:	<u>2</u>

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
* 11870.00	Average	H	-	-	-83.12	13.93	0.00	37.81	53.98	-16.17
* 11870.00	Peak	H	-	-	-72.31	13.93	0.00	48.62	73.98	-25.36
* 17805.00	Average	H	-	-	-83.92	18.26	0.00	41.34	53.98	-12.64
* 17805.00	Peak	H	-	-	-72.83	18.26	0.00	52.43	73.98	-21.55
* 23740.00	Average	H	-	-	-67.32	3.99	-9.54	34.13	53.98	-19.85
* 23740.00	Peak	H	-	-	-60.10	3.99	-9.54	41.35	73.98	-32.63
29675.00	Peak	H	-	-	-57.46	6.33	-9.54	46.33	68.20	-21.87

**Table 7-90. Radiated Measurements SISO ANT1 (242 Tones)**

<b>FCC ID: C3K1997</b>	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2204040049-18-R2.C3K	<b>Test Dates:</b> 3/14/2022 – 8/18/2022	<b>EUT Type:</b> Portable Computing Device	Page 569 of 630



Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6175MHz  
 Channel: 45

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
* 12350.00	Average	H	-	-	-83.16	13.85	0.00	37.69	53.98	-16.28
* 12350.00	Peak	H	-	-	-71.35	13.85	0.00	49.50	73.98	-24.47
* 18525.00	Average	H	-	-	-66.25	1.93	-9.54	33.14	53.98	-20.84
* 18525.00	Peak	H	-	-	-55.71	1.93	-9.54	43.68	73.98	-30.30
24700.00	Peak	H	-	-	-56.10	4.39	-9.54	45.74	68.20	-22.46
30875.00	Peak	H	-	-	-56.84	6.89	-9.54	47.51	68.20	-20.69

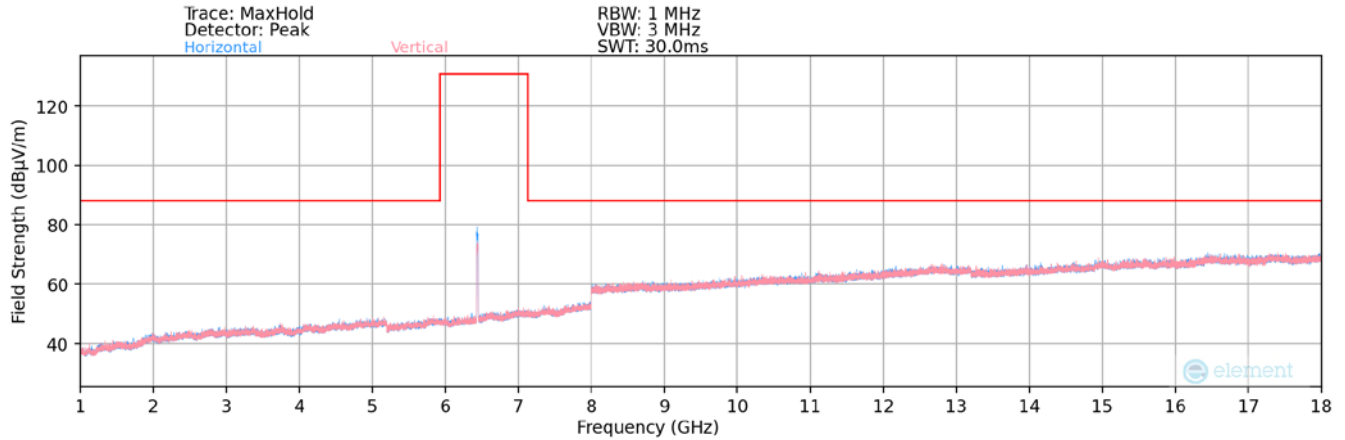
**Table 7-91. Radiated Measurements SISO ANT1 (242 Tones)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6415MHz  
 Channel: 93

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
12830.00	Peak	H	-	-	-71.72	14.78	0.00	50.06	68.20	-18.14
* 19245.00	Average	H	-	-	-66.85	2.30	-9.54	32.90	53.98	-21.08
* 19245.00	Peak	H	-	-	-57.68	2.30	-9.54	42.08	73.98	-31.90
25660.00	Peak	H	-	-	-56.31	4.61	-9.54	45.76	68.20	-22.44
32075.00	Peak	H	-	-	-55.84	7.18	-9.54	48.80	68.20	-19.40

**Table 7-92. Radiated Measurements SISO ANT1 (242 Tones)**

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 570 of 630



**Plot 7-1000. Radiated Spurious Plot above 1GHz SISO ANT1 (802.11ax– UNII Band 6 – 20MHz – Ch.105)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6435MHz  
 Channel: 97

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
12870.00	Peak	H	-	-	-70.81	14.51	0.00	50.70	68.20	-17.50
* 19305.00	Average	H	-	-	-66.54	2.61	-9.54	33.53	53.98	-20.45
* 19305.00	Peak	H	-	-	-59.14	2.61	-9.54	40.93	73.98	-33.05
25740.00	Peak	H	-	-	-57.07	4.71	-9.54	45.10	68.20	-23.10
32175.00	Peak	H	-	-	-58.01	7.21	-9.54	46.66	68.20	-21.54

**Table 7-93. Radiated Measurements SISO ANT1 (242 Tones)**

<b>FCC ID:</b> C3K1997	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2204040049-18-R2.C3K	<b>Test Dates:</b> 3/14/2022 – 8/18/2022	<b>EUT Type:</b> Portable Computing Device	Page 571 of 630



Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6475MHz  
 Channel: 105

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
12950.00	Peak	H	-	-	-71.87	14.59	0.00	49.72	68.20	-18.48
* 19425.00	Average	H	-	-	-66.46	2.67	-9.54	33.66	53.98	-20.32
* 19425.00	Peak	H	-	-	-57.58	2.67	-9.54	42.55	73.98	-31.43
25900.00	Peak	H	-	-	-57.30	4.77	-9.54	44.93	68.20	-23.27
32375.00	Peak	H	-	-	-57.95	6.96	-9.54	46.47	68.20	-21.73

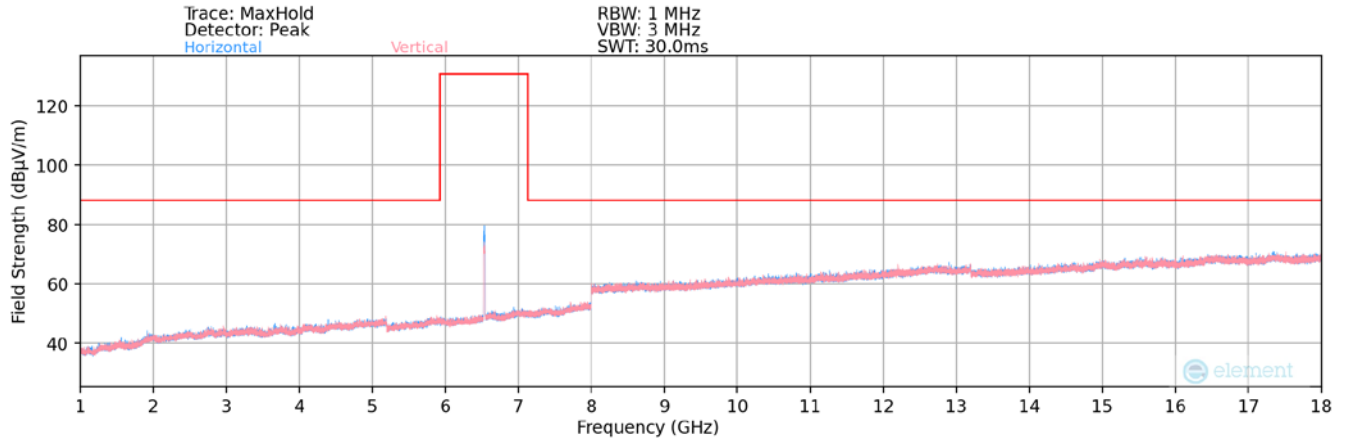
**Table 7-94. Radiated Measurements SISO ANT1 (242 Tones)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6515MHz  
 Channel: 113

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
13030.00	Peak	H	-	-	-71.16	14.61	0.00	50.45	68.20	-17.75
* 19545.00	Average	H	-	-	-66.01	2.63	-9.54	34.07	53.98	-19.91
* 19545.00	Peak	H	-	-	-57.20	2.63	-9.54	42.89	73.98	-31.09
26060.00	Peak	H	-	-	-56.71	4.83	-9.54	45.58	68.20	-22.62
32575.00	Peak	H	-	-	-56.24	6.80	-9.54	48.02	68.20	-20.18

**Table 7-95. Radiated Measurements SISO ANT1 (242 Tones)**

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 572 of 630



**Plot 7-1001. Radiated Spurious Plot above 1GHz SISO ANT1 (802.11ax– UNII Band 7 – 20MHz – Ch.149)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6535MHz  
 Channel: 117

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
13070.00	Peak	H	-	-	-72.00	24.74	0.00	59.74	68.20	-8.46
* 19605.00	Average	H	-	-	-67.07	2.75	-9.54	33.14	53.98	-20.84
* 19605.00	Peak	H	-	-	-56.88	2.75	-9.54	43.33	73.98	-30.65
26140.00	Peak	H	-	-	-56.30	5.14	-9.54	46.29	68.20	-21.91
32675.00	Peak	H	-	-	-56.18	7.15	-9.54	48.43	68.20	-19.77

**Table 7-96. Radiated Measurements SISO ANT1 (242 Tones)**

<b>FCC ID:</b> C3K1997	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2204040049-18-R2.C3K	<b>Test Dates:</b> 3/14/2022 – 8/18/2022	<b>EUT Type:</b> Portable Computing Device	Page 573 of 630





Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6695MHz  
 Channel: 149

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
* 13390.00	Average	H	-	-	-83.28	25.62	0.00	49.34	53.98	-4.64
* 13390.00	Peak	H	-	-	-72.24	25.62	0.00	60.38	73.98	-13.60
* 20085.00	Average	H	-	-	-66.98	3.06	-9.54	33.54	53.98	-20.44
* 20085.00	Peak	H	-	-	-56.73	3.06	-9.54	43.79	73.98	-30.19
26780.00	Peak	H	-	-	-56.85	5.33	-9.54	45.94	68.20	-22.26
33475.00	Peak	H	-	-	-54.75	7.51	-9.54	50.22	68.20	-17.98

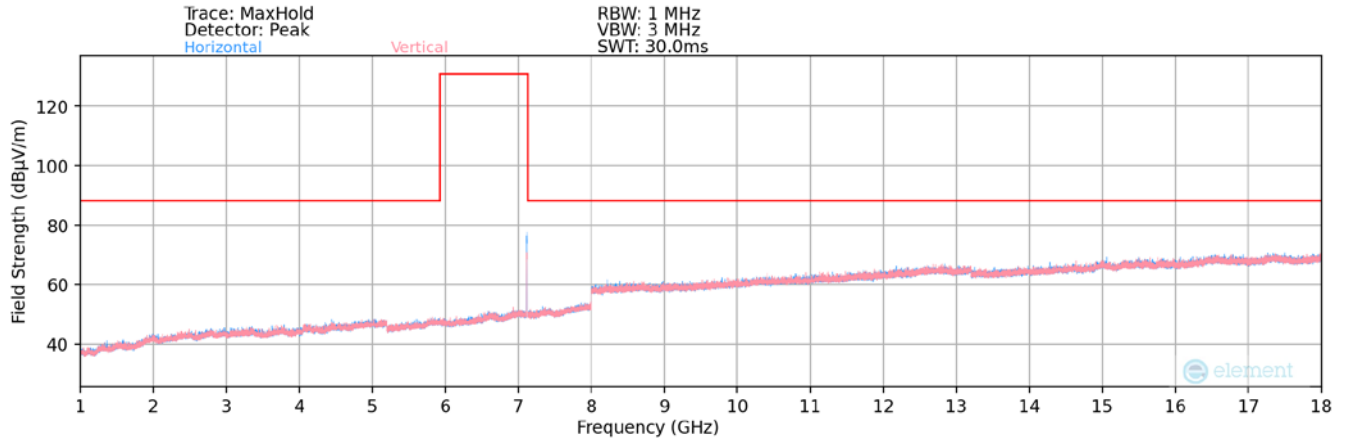
**Table 7-97. Radiated Measurements SISO ANT1 (242 Tones)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6875MHz  
 Channel: 185

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
13750.00	Peak	H	-	-	-72.50	26.03	0.00	60.53	68.20	-7.67
* 20625.00	Average	H	-	-	-67.50	3.32	-9.54	33.28	53.98	-20.69
* 20625.00	Peak	H	-	-	-57.13	3.32	-9.54	43.65	73.98	-30.33
27500.00	Peak	H	-	-	-57.15	4.97	-9.54	45.27	68.20	-22.93
34375.00	Peak	H	-	-	-57.84	7.82	-9.54	47.44	68.20	-20.76

**Table 7-98. Radiated Measurements SISO ANT1 (242 Tones)**

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 574 of 630



**Plot 7-1002. Radiated Spurious Plot above 1GHz SISO ANT1 (802.11ax– UNII Band 8 – 20MHz – Ch.209)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6895MHz  
 Channel: 189

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
13790.00	Peak	H	-	-	-71.89	26.18	0.00	61.29	68.20	-6.91
* 20685.00	Average	H	-	-	-67.01	3.24	-9.54	33.69	53.98	-20.29
* 20685.00	Peak	H	-	-	-57.45	3.24	-9.54	43.24	73.98	-30.74
27580.00	Peak	H	-	-	-57.40	5.11	-9.54	45.16	68.20	-23.04
34475.00	Peak	H	-	-	-56.08	7.75	-9.54	49.12	68.20	-19.08

**Table 7-99. Radiated Measurements SISO ANT1 (242 Tones)**

<b>FCC ID:</b> C3K1997	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2204040049-18-R2.C3K	<b>Test Dates:</b> 3/14/2022 – 8/18/2022	<b>EUT Type:</b> Portable Computing Device	Page 575 of 630

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6995MHz  
 Channel: 209

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
13990.00	Peak	H	-	-	-71.75	26.49	0.00	61.74	68.20	-6.46
* 20985.00	Average	H	-	-	-67.27	3.52	-9.54	33.71	53.98	-20.27
* 20985.00	Peak	H	-	-	-58.99	3.52	-9.54	41.99	73.98	-31.99
27980.00	Peak	H	-	-	-57.23	4.92	-9.54	45.15	68.20	-23.05
34975.00	Peak	H	-	-	-56.60	8.03	-9.54	48.89	68.20	-19.31

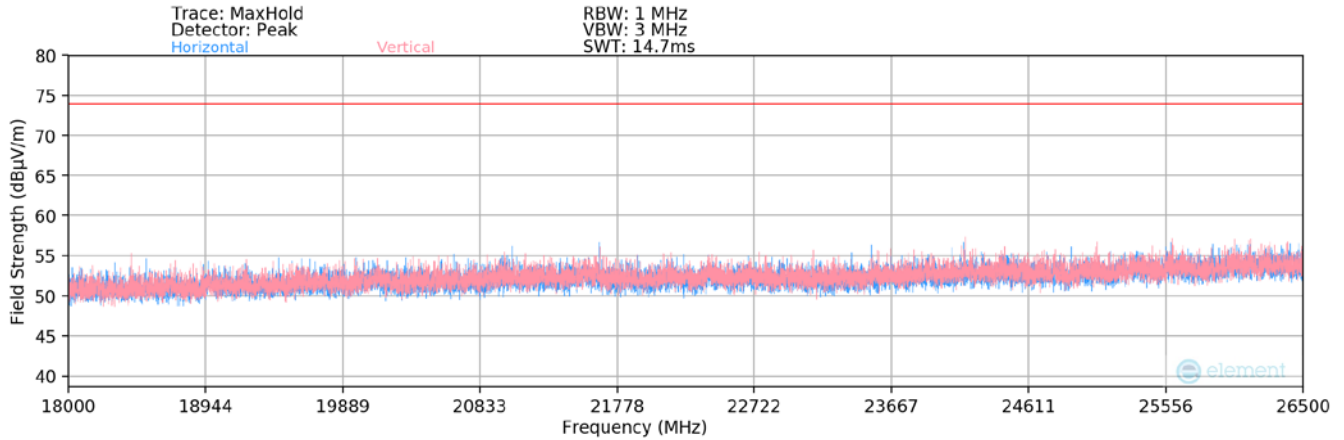
**Table 7-100. Radiated Measurements SISO ANT1 (242 Tones)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 7115MHz  
 Channel: 233

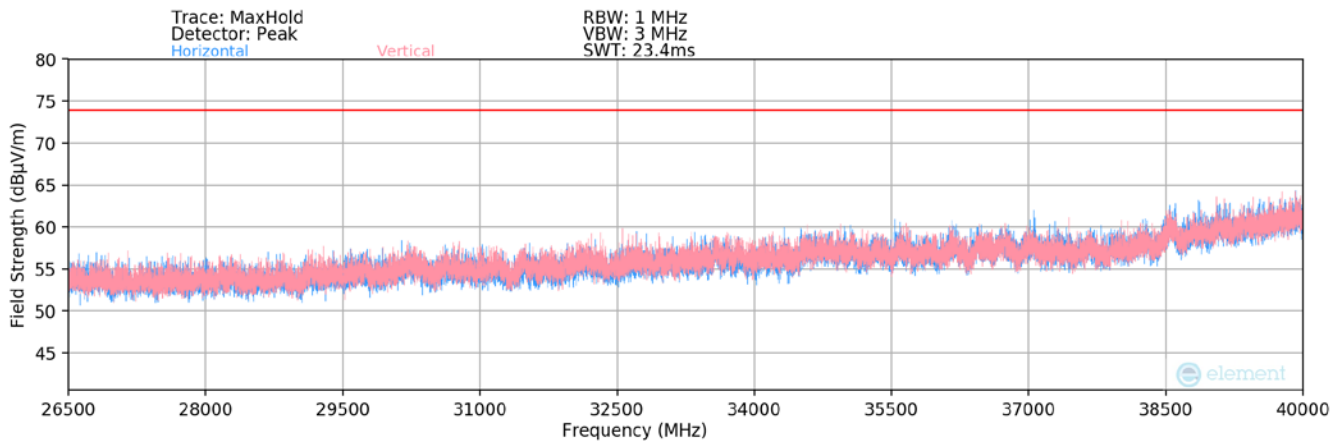
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
14230.00	Peak	H	-	-	-72.38	28.32	0.00	62.94	68.20	-5.26
* 21345.00	Average	H	-	-	-67.13	3.97	-9.54	34.30	53.98	-19.68
* 21345.00	Peak	H	-	-	-57.27	3.97	-9.54	44.15	73.98	-29.83
28460.00	Peak	H	-	-	-58.28	5.18	-9.54	44.35	68.20	-23.85
35575.00	Peak	H	-	-	-55.80	7.82	-9.54	49.48	68.20	-18.72

**Table 7-101. Radiated Measurements SISO ANT1 (242 Tones)**

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 576 of 630



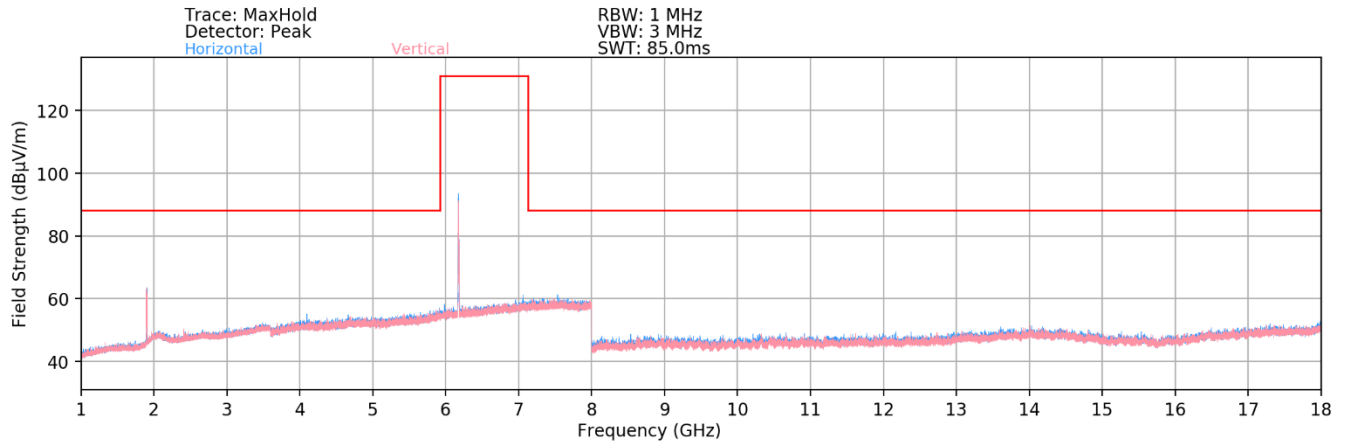
**Plot 7-1003. Radiated Spurious Plot above 18GHz - 26.5GHz SISO ANT1 (802.11ax)**



**Plot 7-1004. Radiated Spurious Plot 26.5GHz - 40GHz SISO ANT1 (802.11ax)**

<b>FCC ID:</b> C3K1997	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2204040049-18-R2.C3K	<b>Test Dates:</b> 3/14/2022 – 8/18/2022	<b>EUT Type:</b> Portable Computing Device	Page 577 of 630

## 7.7.4 SISO ANT2 Radiated Spurious Emission Measurements (106 Tones)



**Plot 7-1005. Radiated Spurious Plot above 1GHz SISO ANT2 (802.11ax – UNII Band 5 – 20MHz – Ch.45)**

Worst Case Mode:	<u>802.11ax</u>
Worst Case Transfer Rate:	<u>MCS0</u>
RU Index:	<u>54</u>
Distance of Measurements:	<u>1 &amp; 3 Meters</u>
Operating Frequency:	<u>5935MHz</u>
Channel:	<u>2</u>

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
* 11870.00	Average	H	-	-	-83.22	14.63	0.00	38.41	53.98	-15.57
* 11870.00	Peak	H	-	-	-71.71	14.63	0.00	49.92	73.98	-24.06
* 17805.00	Average	H	-	-	-84.20	22.56	0.00	45.36	53.98	-8.62
* 17805.00	Peak	H	-	-	-73.08	22.56	0.00	56.48	73.98	-17.50
* 23740.00	Average	H	-	-	-66.67	3.94	-9.54	34.73	53.98	-19.25
* 23740.00	Peak	H	-	-	-58.14	3.94	-9.54	43.26	73.98	-30.72
29675.00	Peak	H	-	-	-56.64	6.30	-9.54	47.11	53.98	-6.87

**Table 7-102. Radiated Measurements SISO ANT2 (106 Tones)**

<b>FCC ID:</b> C3K1997	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2204040049-18-R2.C3K	<b>Test Dates:</b> 3/14/2022 – 8/18/2022	<b>EUT Type:</b> Portable Computing Device	Page 578 of 630



Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6175MHz  
 Channel: 45

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
* 12350.00	Average	H	-	-	-83.28	13.69	0.00	37.41	53.98	-16.57
* 12350.00	Peak	H	-	-	-70.70	13.69	0.00	49.99	73.98	-23.99
* 18525.00	Average	H	-	-	-67.09	1.93	-9.54	32.30	53.98	-21.68
* 18525.00	Peak	H	-	-	-56.67	1.93	-9.54	42.72	73.98	-31.26
24700.00	Peak	H	-	-	-57.39	4.39	-9.54	44.46	68.20	-23.74
30875.00	Peak	H	-	-	-56.37	6.89	-9.54	47.99	68.20	-20.21

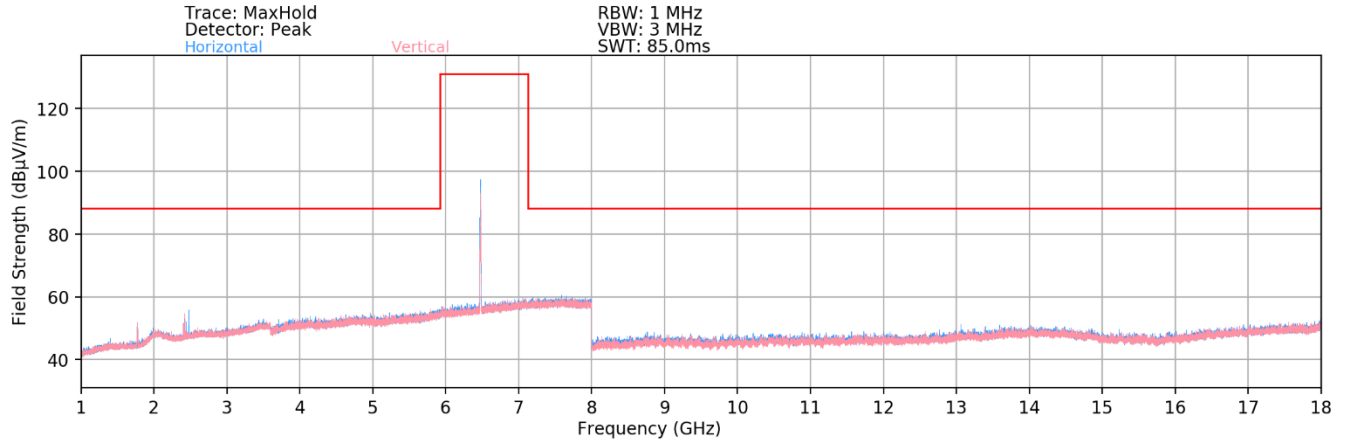
**Table 7-103. Radiated Measurements SISO ANT2 (106 Tones)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6415MHz  
 Channel: 93

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
12830.00	Peak	H	-	-	-71.53	13.70	0.00	49.17	68.20	-19.03
* 19245.00	Average	H	-	-	-67.06	2.30	-9.54	32.70	53.98	-21.28
* 19245.00	Peak	H	-	-	-56.97	2.30	-9.54	42.78	73.98	-31.20
25660.00	Peak	H	-	-	-56.62	4.61	-9.54	45.45	68.20	-22.75
32075.00	Peak	H	-	-	-55.57	7.18	-9.54	49.07	68.20	-19.13

**Table 7-104. Radiated Measurements SISO ANT2 (106 Tones)**

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 579 of 630



**Plot 7-1006. Radiated Spurious Plot above 1GHz SISO ANT2 (802.11ax– UNII Band 6 – 20MHz – Ch.105)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6435MHz  
 Channel: 97

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
12870.00	Peak	H	-	-	-71.78	13.90	0.00	49.12	68.20	-19.08
* 19305.00	Average	H	-	-	-67.45	2.61	-9.54	32.61	53.98	-21.36
* 19305.00	Peak	H	-	-	-54.77	2.61	-9.54	45.29	73.98	-28.68
25740.00	Peak	H	-	-	-53.60	4.71	-9.54	48.57	68.20	-19.63
32175.00	Peak	H	-	-	-55.84	7.21	-9.54	48.82	68.20	-19.38

**Table 7-105. Radiated Measurements SISO ANT2 (106 Tones)**

<b>FCC ID: C3K1997</b>	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2204040049-18-R2.C3K	<b>Test Dates:</b> 3/14/2022 – 8/18/2022	<b>EUT Type:</b> Portable Computing Device	Page 580 of 630



Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6475MHz  
 Channel: 105

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
12950.00	Peak	H	-	-	-71.91	13.85	0.00	48.94	68.20	-19.26
* 19425.00	Average	H	-	-	-67.91	2.67	-9.54	32.21	53.98	-21.77
* 19425.00	Peak	H	-	-	-56.82	2.67	-9.54	43.30	73.98	-30.68
25900.00	Peak	H	-	-	-56.47	4.77	-9.54	45.76	68.20	-22.44
32375.00	Peak	H	-	-	-56.16	6.96	-9.54	48.27	68.20	-19.93

**Table 7-106. Radiated Measurements SISO ANT2 (106 Tones)**

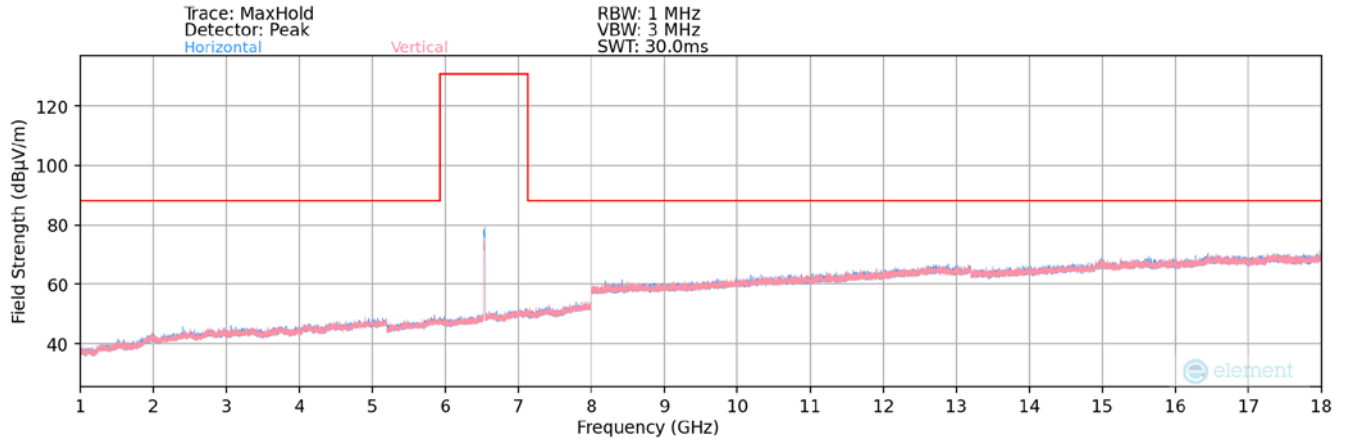
Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6515MHz  
 Channel: 113

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
13030.00	Peak	H	-	-	-71.55	14.85	0.00	50.30	68.20	-17.90
* 19545.00	Average	H	-	-	-66.57	2.63	-9.54	33.51	53.98	-20.47
* 19545.00	Peak	H	-	-	-56.83	2.63	-9.54	43.25	73.98	-30.73
26060.00	Peak	H	-	-	-57.57	4.83	-9.54	44.72	68.20	-23.48
32575.00	Peak	H	-	-	-57.38	6.80	-9.54	46.87	68.20	-21.33

**Table 7-107. Radiated Measurements SISO ANT2 (106 Tones)**

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 581 of 630





**Plot 7-1007. Radiated Spurious Plot above 1GHz SISO ANT2 (802.11ax– UNII Band 7 – 20MHz – Ch.149)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6535MHz  
 Channel: 117

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
13070.00	Peak	H	-	-	-71.95	14.96	0.00	50.01	68.20	-18.19
* 19605.00	Average	H	-	-	-66.52	2.75	-9.54	33.69	53.98	-20.29
* 19605.00	Peak	H	-	-	-57.49	2.75	-9.54	42.72	73.98	-31.26
26140.00	Peak	H	-	-	-55.26	5.14	-9.54	47.33	68.20	-20.87
32675.00	Peak	H	-	-	-55.84	7.15	-9.54	48.77	68.20	-19.43

**Table 7-108. Radiated Measurements SISO ANT2 (106 Tones)**

<b>FCC ID: C3K1997</b>	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2204040049-18-R2.C3K	<b>Test Dates:</b> 3/14/2022 – 8/18/2022	<b>EUT Type:</b> Portable Computing Device	Page 582 of 630



Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6695MHz  
 Channel: 149

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
* 13390.00	Average	H	-	-	-83.41	14.69	0.00	38.28	53.98	-15.70
* 13390.00	Peak	H	-	-	-72.24	14.69	0.00	49.45	73.98	-24.53
* 20085.00	Average	H	-	-	-66.48	3.06	-9.54	34.04	53.98	-19.94
* 20085.00	Peak	H	-	-	-57.05	3.06	-9.54	43.47	73.98	-30.51
26780.00	Peak	H	-	-	-56.38	5.33	-9.54	46.41	68.20	-21.79
33475.00	Peak	H	-	-	-55.75	7.51	-9.54	49.21	68.20	-18.99

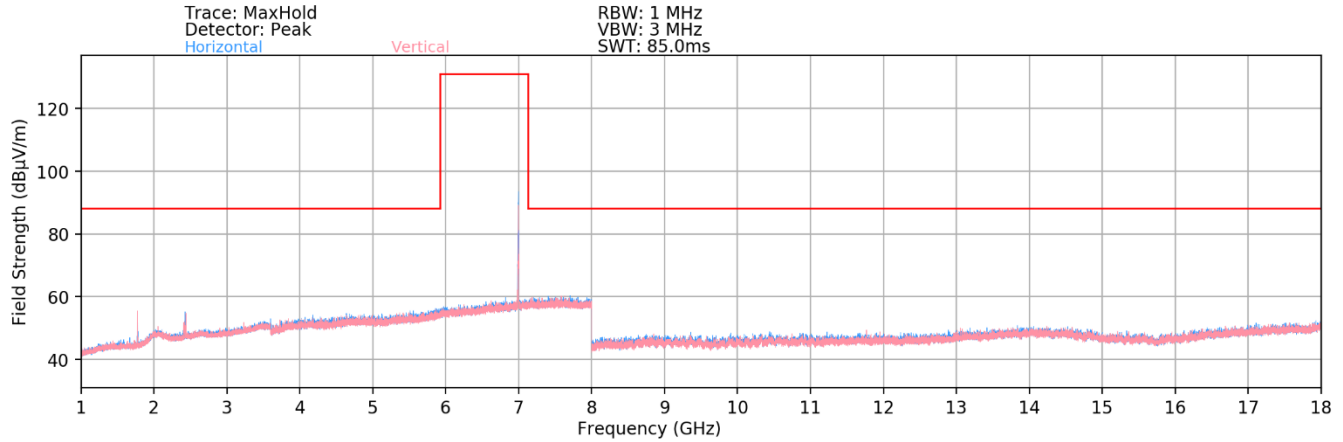
**Table 7-109. Radiated Measurements SISO ANT2 (106 Tones)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6875MHz  
 Channel: 185

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
13750.00	Peak	H	-	-	-72.58	16.28	0.00	50.70	68.20	-17.50
* 20625.00	Average	H	-	-	-67.69	3.32	-9.54	33.09	53.98	-20.89
* 20625.00	Peak	H	-	-	-57.45	3.32	-9.54	43.33	73.98	-30.65
27500.00	Peak	H	-	-	-56.93	4.97	-9.54	45.50	68.20	-22.70
34375.00	Peak	H	-	-	-57.41	7.82	-9.54	47.87	68.20	-20.33

**Table 7-110. Radiated Measurements SISO ANT2 (106 Tones)**

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 583 of 630



**Plot 7-1008. Radiated Spurious Plot above 1GHz SISO ANT2 (802.11ax– UNII Band 8 – 20MHz – Ch.209)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6895MHz  
 Channel: 189

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
13790.00	Peak	H	-	-	-72.92	16.06	0.00	50.14	68.20	-18.06
* 20685.00	Average	H	-	-	-67.23	3.24	-9.54	33.47	53.98	-20.51
* 20685.00	Peak	H	-	-	-57.74	3.24	-9.54	42.95	73.98	-31.03
27580.00	Peak	H	-	-	-57.26	5.11	-9.54	45.31	68.20	-22.89
34475.00	Peak	H	-	-	-55.54	7.75	-9.54	49.67	68.20	-18.53

**Table 7-111. Radiated Measurements SISO ANT2 (106 Tones)**

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 584 of 630

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6995MHz  
 Channel: 209

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
13990.00	Peak	H	-	-	-71.21	16.65	0.00	52.44	68.20	-15.76
* 20985.00	Average	H	-	-	-67.14	3.52	-9.54	33.84	53.98	-20.14
* 20985.00	Peak	H	-	-	-58.29	3.52	-9.54	42.68	73.98	-31.30
27980.00	Peak	H	-	-	-56.14	4.92	-9.54	46.24	68.20	-21.96
34975.00	Peak	H	-	-	-55.53	8.03	-9.54	49.96	68.20	-18.24

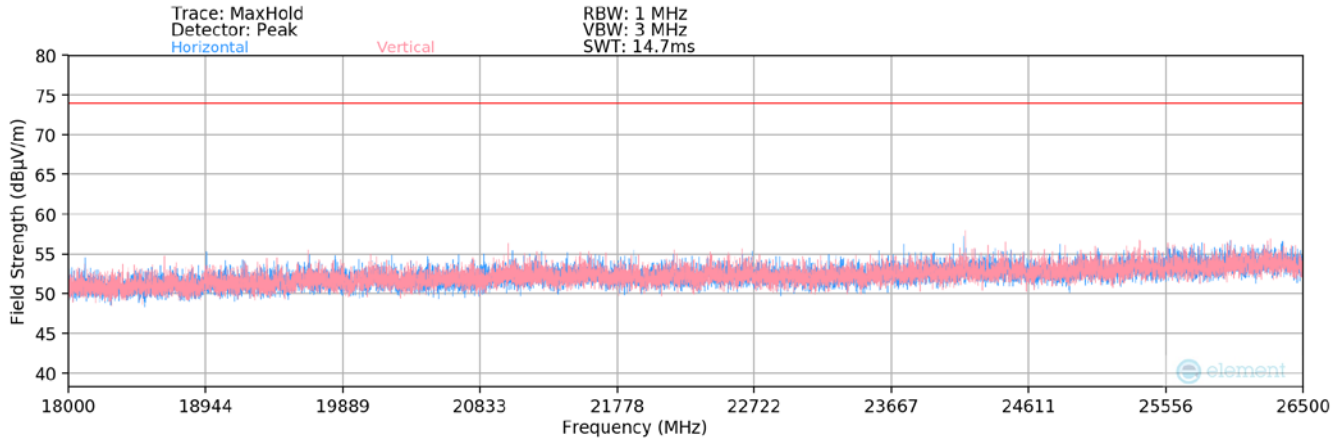
**Table 7-112. Radiated Measurements SISO ANT2 (106 Tones)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 7115MHz  
 Channel: 233

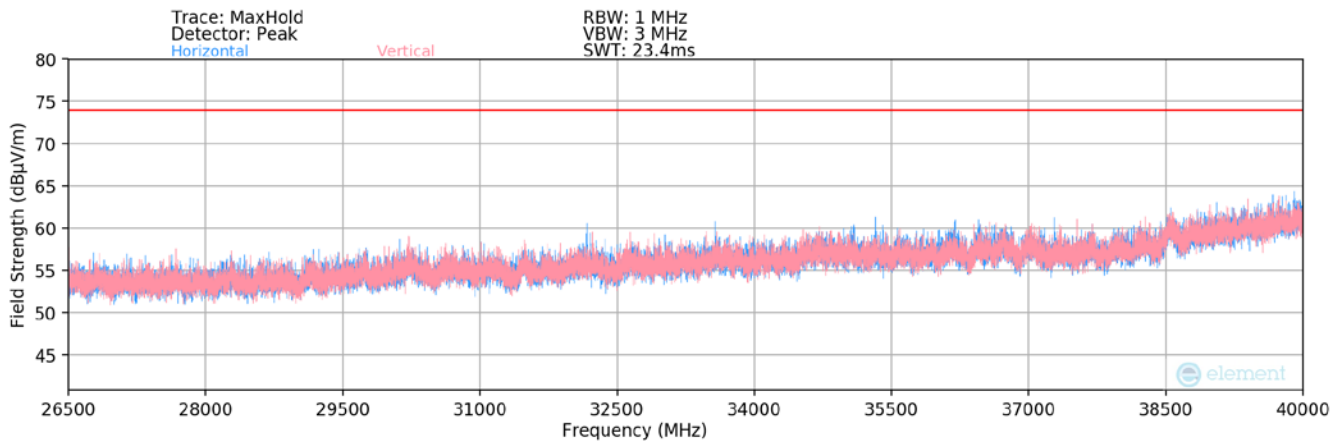
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
14230.00	Peak	H	-	-	-72.24	16.71	0.00	51.47	68.20	-16.73
* 21345.00	Average	H	-	-	-66.99	3.97	-9.54	34.44	53.98	-19.54
* 21345.00	Peak	H	-	-	-57.12	3.97	-9.54	44.31	73.98	-29.67
28460.00	Peak	H	-	-	-57.33	5.18	-9.54	45.30	68.20	-22.90
35575.00	Peak	H	-	-	-56.22	7.82	-9.54	49.07	68.20	-19.13

**Table 7-113. Radiated Measurements SISO ANT2 (106 Tones)**

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 585 of 630



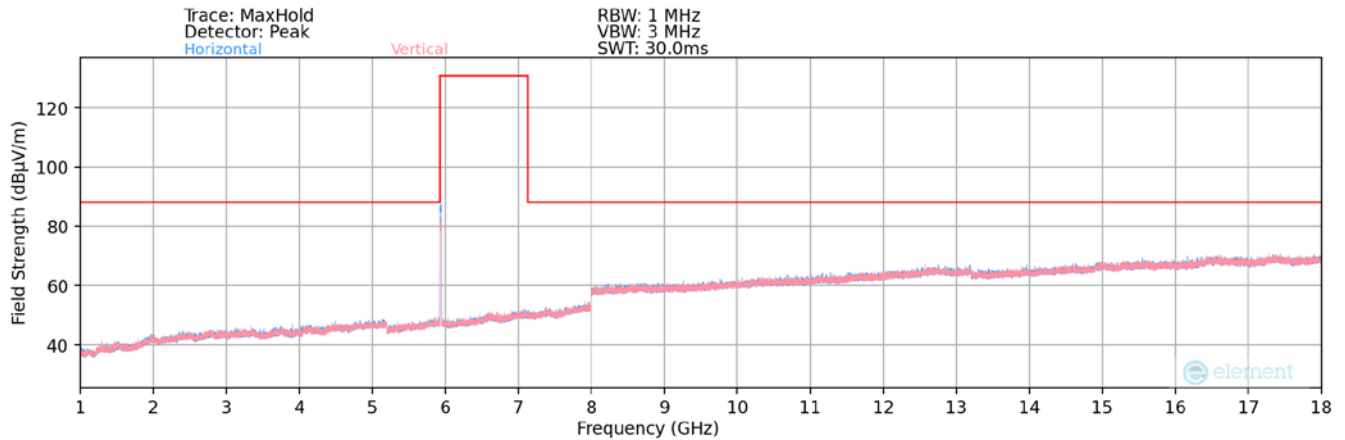
**Plot 7-1009. Radiated Spurious Plot above 18GHz - 26.5GHz SISO ANT2 (802.11ax)**



**Plot 7-1010. Radiated Spurious Plot 26.5GHz - 40GHz SISO ANT2 (802.11ax)**

<b>FCC ID:</b> C3K1997	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2204040049-18-R2.C3K	<b>Test Dates:</b> 3/14/2022 – 8/18/2022	<b>EUT Type:</b> Portable Computing Device	Page 586 of 630

## 7.7.5 SISO ANT2 Radiated Spurious Emission Measurements (242 Tones)



Plot 7-1011. Radiated Spurious Plot above 1GHz SISO ANT2 (802.11ax – UNII Band 5 – 20MHz – Ch.45)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	61
Distance of Measurements:	1 & 3 Meters
Operating Frequency:	5935MHz
Channel:	2

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
* 11870.00	Average	H	-	-	-82.00	13.93	0.00	38.93	53.98	-15.05
* 11870.00	Peak	H	-	-	-72.16	13.93	0.00	48.77	73.98	-25.21
* 17805.00	Average	H	-	-	-81.25	18.26	0.00	44.01	53.98	-9.97
* 17805.00	Peak	H	-	-	-70.48	18.26	0.00	54.78	73.98	-19.20
* 23740.00	Average	H	-	-	-67.10	3.99	-9.54	34.35	53.98	-19.63
* 23740.00	Peak	H	-	-	-57.81	3.99	-9.54	43.63	73.98	-30.35
* 29675.00	Peak	H	-	-	-56.72	6.33	-9.54	47.07	68.20	-21.13

Table 7-114. Radiated Measurements SISO ANT2 (242 Tones)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 587 of 630



Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6175MHz  
 Channel: 45

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
* 12350.00	Average	H	-	-	-82.20	13.85	0.00	38.65	53.98	-15.32
* 12350.00	Peak	H	-	-	-71.47	13.85	0.00	49.38	73.98	-24.59
* 18525.00	Average	H	-	-	-67.22	1.93	-9.54	32.17	53.98	-21.81
* 18525.00	Peak	H	-	-	-57.57	1.93	-9.54	41.82	73.98	-32.16
24700.00	Peak	H	-	-	-55.63	4.39	-9.54	46.21	68.20	-21.99
30875.00	Peak	H	-	-	-56.99	6.89	-9.54	47.36	68.20	-20.84

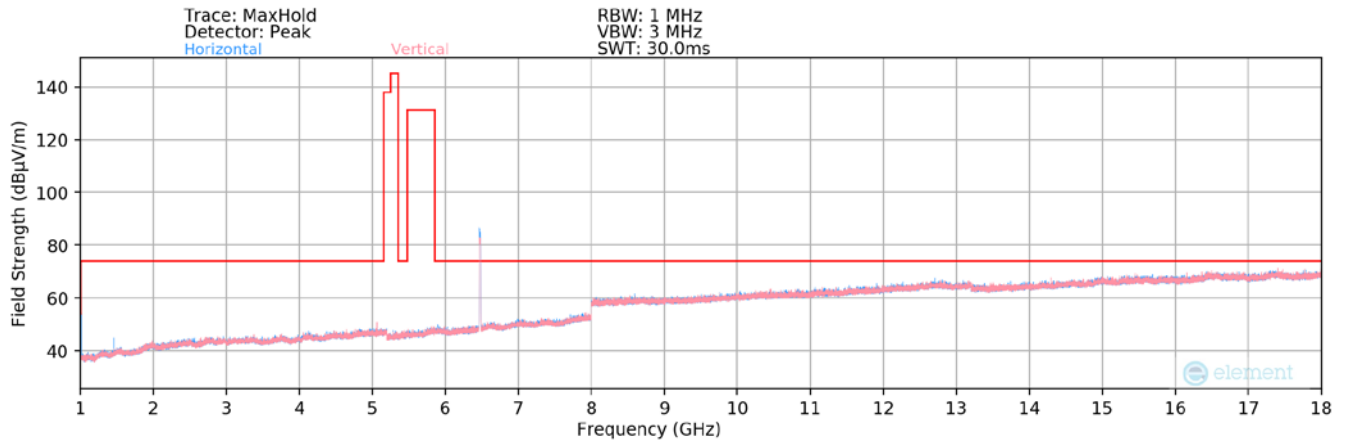
**Table 7-115. Radiated Measurements SISO ANT2 (242 Tones)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6415MHz  
 Channel: 93

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
12830.00	Peak	H	-	-	-71.79	14.78	0.00	49.99	68.20	-18.21
* 19245.00	Average	H	-	-	-67.09	2.30	-9.54	32.67	53.98	-21.31
* 19245.00	Peak	H	-	-	-56.80	2.30	-9.54	42.96	73.98	-31.02
25660.00	Peak	H	-	-	-57.88	4.61	-9.54	44.18	68.20	-24.02
32075.00	Peak	H	-	-	-54.93	7.18	-9.54	49.71	68.20	-18.49

**Table 7-116. Radiated Measurements SISO ANT2 (242 Tones)**

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 588 of 630



**Plot 7-1012. Radiated Spurious Plot above 1GHz SISO ANT2 (802.11ax– UNII Band 6 – 20MHz – Ch.105)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6435MHz  
 Channel: 97

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
12870.00	Peak	H	-	-	-71.23	14.51	0.00	50.28	68.20	-17.92
* 19305.00	Average	H	-	-	-66.87	2.61	-9.54	33.19	53.98	-20.79
* 19305.00	Peak	H	-	-	-54.99	2.61	-9.54	45.07	73.98	-28.91
25740.00	Peak	H	-	-	-56.51	4.71	-9.54	45.66	68.20	-22.54
32175.00	Peak	H	-	-	-55.76	7.21	-9.54	48.91	68.20	-19.29

**Table 7-117. Radiated Measurements SISO ANT2 (242 Tones)**

<b>FCC ID:</b> C3K1997	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2204040049-18-R2.C3K	<b>Test Dates:</b> 3/14/2022 – 8/18/2022	<b>EUT Type:</b> Portable Computing Device	Page 589 of 630



Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6475MHz  
 Channel: 105

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
12950.00	Peak	H	-	-	-72.23	14.59	0.00	49.36	68.20	-18.84
* 19425.00	Average	H	-	-	-67.77	2.67	-9.54	32.35	53.98	-21.63
* 19425.00	Peak	H	-	-	-57.17	2.67	-9.54	42.96	73.98	-31.02
25900.00	Peak	H	-	-	-55.96	4.77	-9.54	46.27	68.20	-21.93
32375.00	Peak	H	-	-	-57.28	6.96	-9.54	47.14	68.20	-21.06

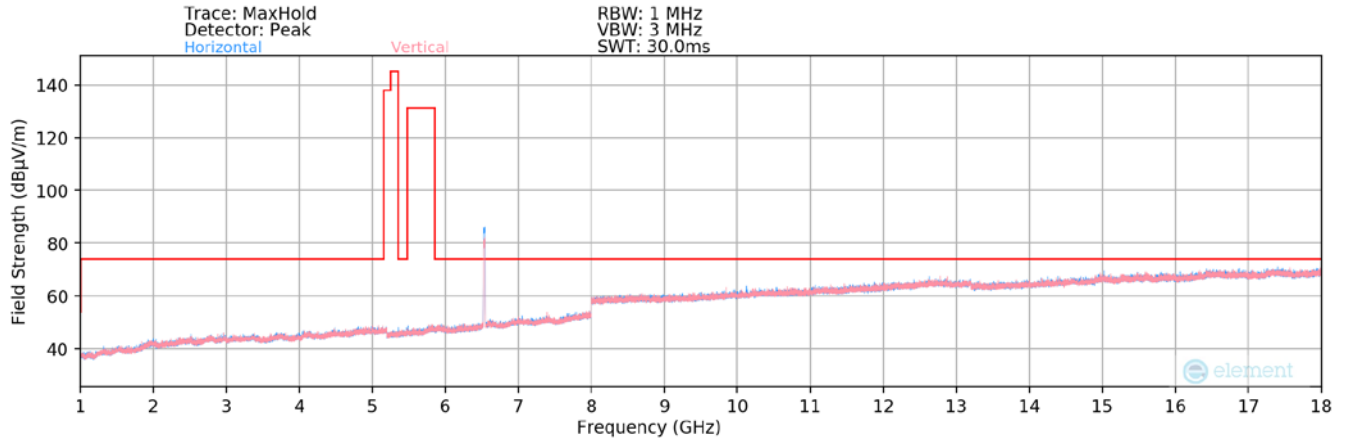
**Table 7-118. Radiated Measurements SISO ANT2 (242 Tones)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6515MHz  
 Channel: 113

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
13030.00	Peak	H	-	-	-70.63	14.61	0.00	50.98	68.20	-17.22
* 19545.00	Average	H	-	-	-67.09	2.63	-9.54	33.00	53.98	-20.98
* 19545.00	Peak	H	-	-	-56.87	2.63	-9.54	43.22	73.98	-30.76
26060.00	Peak	H	-	-	-57.36	4.83	-9.54	44.93	68.20	-23.27
32575.00	Peak	H	-	-	-56.78	6.80	-9.54	47.47	68.20	-20.73

**Table 7-119. Radiated Measurements SISO ANT2 (242 Tones)**

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 590 of 630



**Plot 7-1013. Radiated Spurious Plot above 1GHz SISO ANT2 (802.11ax– UNII Band 7 – 20MHz – Ch.149)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6535MHz  
 Channel: 117

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
13070.00	Peak	H	-	-	-72.15	24.74	0.00	59.59	68.20	-8.61
* 19605.00	Average	H	-	-	-67.30	2.75	-9.54	32.91	53.98	-21.07
* 19605.00	Peak	H	-	-	-57.56	2.75	-9.54	42.65	73.98	-31.33
26140.00	Peak	H	-	-	-56.52	5.14	-9.54	46.07	68.20	-22.13
32675.00	Peak	H	-	-	-57.41	7.15	-9.54	47.20	68.20	-21.00

**Table 7-120. Radiated Measurements SISO ANT2 (242 Tones)**

<b>FCC ID: C3K1997</b>	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2204040049-18-R2.C3K	<b>Test Dates:</b> 3/14/2022 – 8/18/2022	<b>EUT Type:</b> Portable Computing Device	Page 591 of 630



Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6695MHz  
 Channel: 149

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
* 13390.00	Average	H	-	-	-83.28	25.62	0.00	49.34	53.98	-4.64
* 13390.00	Peak	H	-	-	-72.24	25.62	0.00	60.38	73.98	-13.60
* 20085.00	Average	H	-	-	-56.24	3.06	-9.54	44.27	53.98	-9.71
* 20085.00	Peak	H	-	-	-55.90	3.06	-9.54	44.61	73.98	-29.37
26780.00	Peak	H	-	-	-57.26	5.33	-9.54	45.52	68.20	-22.68
33475.00	Peak	H	-	-	-57.75	7.51	-9.54	47.22	68.20	-20.98

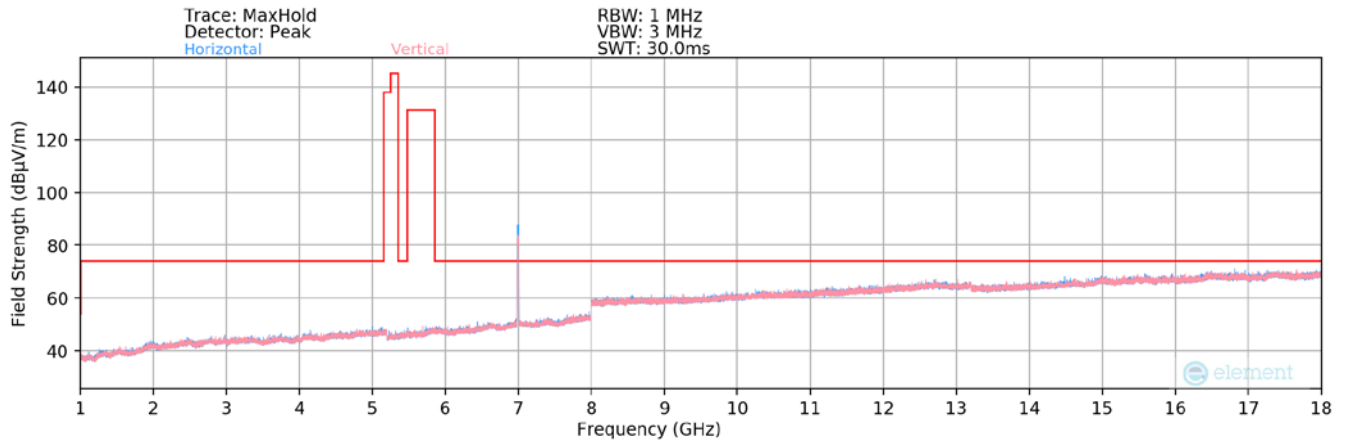
**Table 7-121. Radiated Measurements SISO ANT2 (242 Tones)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6875MHz  
 Channel: 185

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
13750.00	Peak	H	-	-	-72.27	26.03	0.00	60.76	68.20	-7.44
* 20625.00	Average	H	-	-	-67.58	3.32	-9.54	33.20	53.98	-20.78
* 20625.00	Peak	H	-	-	-57.69	3.32	-9.54	43.09	73.98	-30.89
27500.00	Peak	H	-	-	-57.08	4.97	-9.54	45.34	68.20	-22.86
34375.00	Peak	H	-	-	-57.12	7.82	-9.54	48.16	68.20	-20.04

**Table 7-122. Radiated Measurements SISO ANT2 (242 Tones)**

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 592 of 630



**Plot 7-1014. Radiated Spurious Plot above 1GHz SISO ANT2 (802.11ax– UNII Band 8 – 20MHz – Ch.209)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6895MHz  
 Channel: 189

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
13790.00	Peak	H	-	-	-72.61	26.18	0.00	60.57	68.20	-7.63
* 20685.00	Average	H	-	-	-67.41	3.24	-9.54	33.28	53.98	-20.70
* 20685.00	Peak	H	-	-	-57.22	3.24	-9.54	43.47	73.98	-30.51
27580.00	Peak	H	-	-	-55.93	5.11	-9.54	46.64	68.20	-21.56
34475.00	Peak	H	-	-	-59.17	7.75	-9.54	46.03	68.20	-22.17

**Table 7-123. Radiated Measurements SISO ANT2 (242 Tones)**

<b>FCC ID:</b> C3K1997	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2204040049-18-R2.C3K	<b>Test Dates:</b> 3/14/2022 – 8/18/2022	<b>EUT Type:</b> Portable Computing Device	Page 593 of 630

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6995MHz  
 Channel: 209

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
13990.00	Peak	H	-	-	-72.05	26.49	0.00	61.44	68.20	-6.76
* 20985.00	Average	H	-	-	-67.11	3.52	-9.54	33.87	53.98	-20.11
* 20985.00	Peak	H	-	-	-57.50	3.52	-9.54	43.48	73.98	-30.50
27980.00	Peak	H	-	-	-56.74	4.92	-9.54	45.64	68.20	-22.56
34975.00	Peak	H	-	-	-56.08	8.03	-9.54	49.41	68.20	-18.79

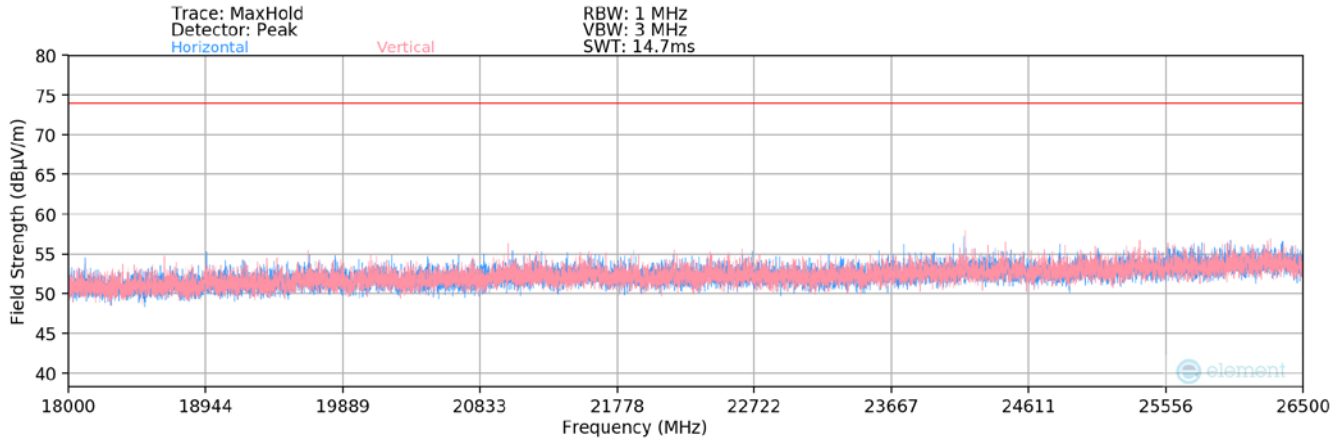
**Table 7-124. Radiated Measurements SISO ANT2 (242 Tones)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 7115MHz  
 Channel: 233

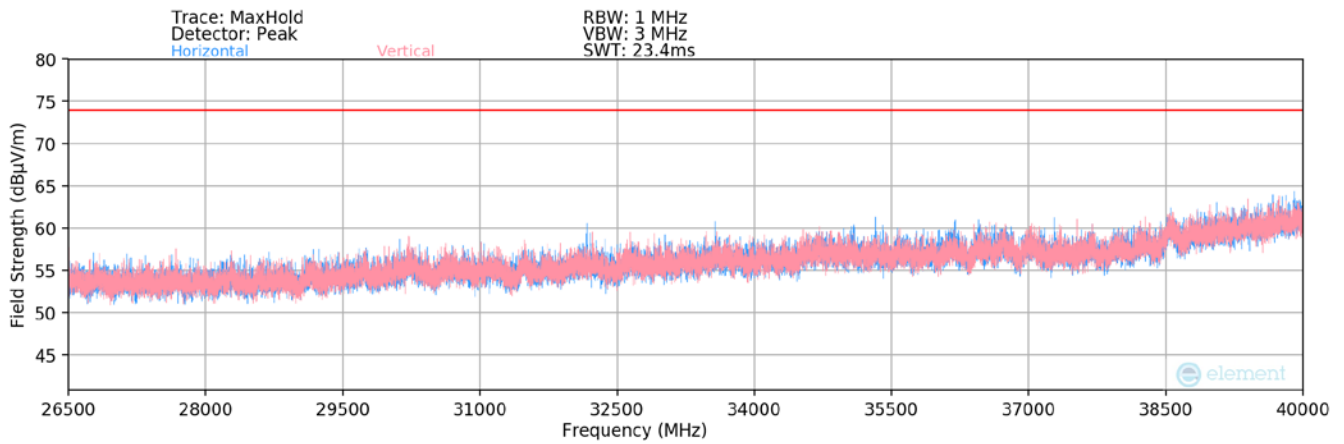
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
14230.00	Peak	H	-	-	-71.31	28.32	0.00	64.01	68.20	-4.19
* 21345.00	Average	H	-	-	-66.94	3.97	-9.54	34.49	53.98	-19.49
* 21345.00	Peak	H	-	-	-57.58	3.97	-9.54	43.85	73.98	-30.13
28460.00	Peak	H	-	-	-57.21	5.18	-9.54	45.42	68.20	-22.78
35575.00	Peak	H	-	-	-54.47	7.82	-9.54	50.81	68.20	-17.39

**Table 7-125. Radiated Measurements SISO ANT2 (242 Tones)**

FCC ID: C3K1997	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 594 of 630



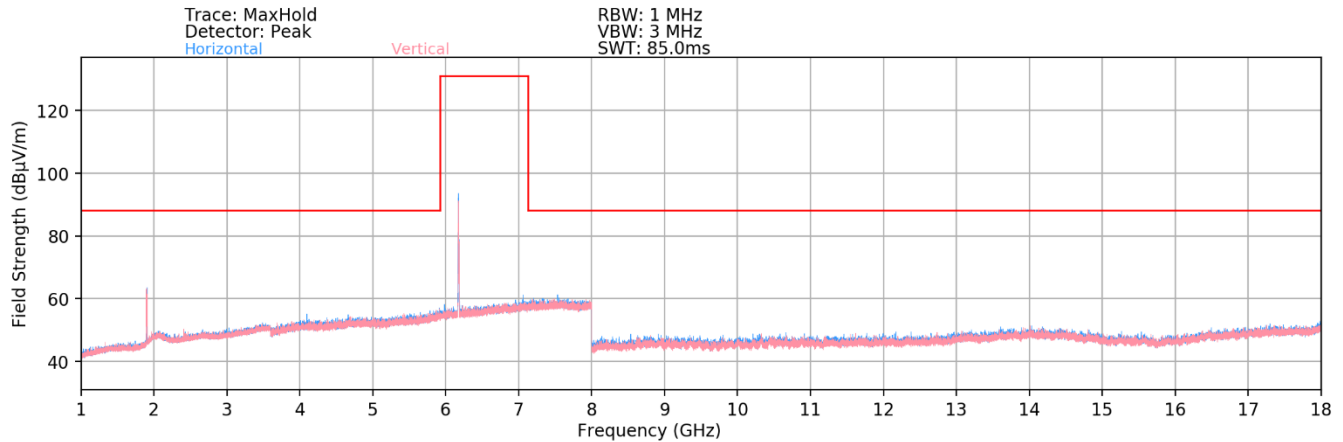
**Plot 7-1015. Radiated Spurious Plot above 18GHz - 26.5GHz MIMO (802.11ax)**



**Plot 7-1016. Radiated Spurious Plot 26.5GHz - 40GHz MIMO (802.11ax)**

<b>FCC ID:</b> C3K1997	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2204040049-18-R2.C3K	<b>Test Dates:</b> 3/14/2022 – 8/18/2022	<b>EUT Type:</b> Portable Computing Device	Page 595 of 630

## 7.7.6 MIMO Radiated Spurious Emission Measurements (106 Tones)



Plot 7-1017. Radiated Spurious Plot above 1GHz MIMO (802.11ax – UNII Band 5 – 20MHz – Ch.45)

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 5935MHz  
 Channel: 2

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
* 11870.00	Average	H	-	-	-84.21	16.01	0.00	38.80	53.98	-15.18
* 11870.00	Peak	H	-	-	-75.17	16.01	0.00	47.84	73.98	-26.14
* 17805.00	Average	H	-	-	-85.27	22.89	0.00	44.62	53.98	-9.36
* 17805.00	Peak	H	-	-	-76.26	22.89	0.00	53.63	73.98	-20.35
* 23740.00	Average	H	-	-	-66.82	3.94	-9.54	34.58	53.98	-19.40
* 23740.00	Peak	H	-	-	-55.43	3.94	-9.54	45.97	73.98	-28.01
29675.00	Peak	H	-	-	-56.94	6.30	-9.54	46.82	68.20	-21.38

Table 7-126. Radiated Measurements MIMO (106 Tones)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 596 of 630



Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6175MHz  
 Channel: 45

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
* 12350.00	Average	H	-	-	-81.99	14.49	0.00	39.50	53.98	-14.48
* 12350.00	Peak	H	-	-	-71.49	14.49	0.00	50.00	73.98	-23.98
* 18525.00	Average	H	-	-	-67.45	1.93	-9.54	31.93	53.98	-22.04
* 18525.00	Peak	H	-	-	-57.72	1.93	-9.54	41.67	73.98	-32.31
24700.00	Peak	H	-	-	-56.59	4.39	-9.54	45.26	68.20	-22.94
30875.00	Peak	H	-	-	-57.77	6.89	-9.54	46.58	68.20	-21.62

**Table 7-127. Radiated Measurements MIMO (106 Tones)**

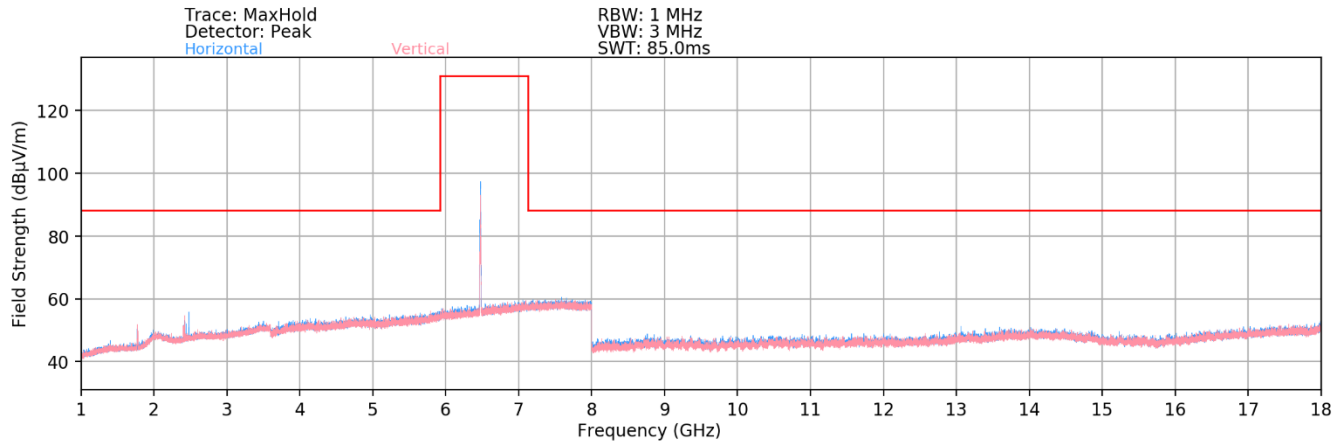
Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6415MHz  
 Channel: 93

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
12830.00	Peak	H	-	-	-71.60	14.56	0.00	49.96	68.20	-18.24
* 19245.00	Average	H	-	-	-67.48	2.30	-9.54	32.28	53.98	-21.70
* 19245.00	Peak	H	-	-	-57.15	2.30	-9.54	42.61	73.98	-31.37
25660.00	Peak	H	-	-	-57.16	4.61	-9.54	44.91	68.20	-23.29
32075.00	Peak	H	-	-	-57.91	7.18	-9.54	46.73	68.20	-21.47

**Table 7-128. Radiated Measurements MIMO (106 Tones)**

FCC ID: C3K1997	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 597 of 630





**Plot 7-1018. Radiated Spurious Plot above 1GHz MIMO (802.11ax– UNII Band 6 – 20MHz – Ch.105)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6435MHz  
 Channel: 97

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
12870.00	Peak	H	-	-	-72.00	14.76	0.00	49.76	68.20	-18.44
* 19305.00	Average	H	-	-	-67.66	2.61	-9.54	32.40	53.98	-21.58
* 19305.00	Peak	H	-	-	-56.68	2.61	-9.54	43.38	73.98	-30.60
25740.00	Peak	H	-	-	-57.89	4.71	-9.54	44.27	68.20	-23.93
32175.00	Peak	H	-	-	-57.37	7.21	-9.54	47.30	68.20	-20.90

**Table 7-129. Radiated Measurements MIMO (106 Tones)**

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 598 of 630



Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6475MHz  
 Channel: 105

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
12950.00	Peak	H	-	-	-71.03	14.69	0.00	50.66	68.20	-17.54
* 19425.00	Average	H	-	-	-67.49	2.67	-9.54	32.64	53.98	-21.34
* 19425.00	Peak	H	-	-	-56.87	2.67	-9.54	43.26	73.98	-30.72
25900.00	Peak	H	-	-	-57.63	4.77	-9.54	44.60	68.20	-23.60
32375.00	Peak	H	-	-	-57.93	6.96	-9.54	46.49	68.20	-21.71

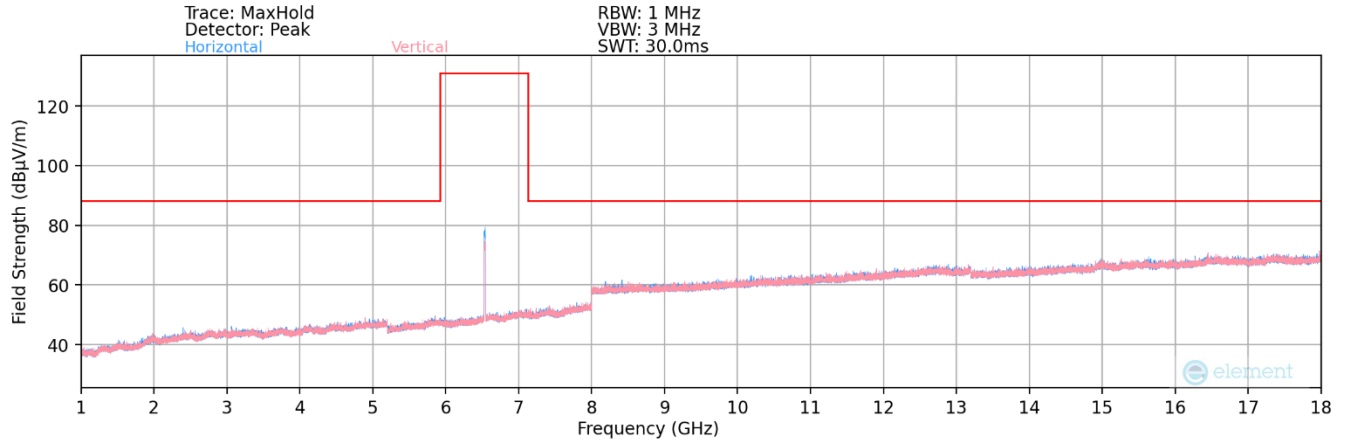
**Table 7-130. Radiated Measurements MIMO (106 Tones)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6515MHz  
 Channel: 113

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
13030.00	Peak	H	-	-	-72.20	15.59	0.00	50.39	68.20	-17.81
* 19545.00	Average	H	-	-	-66.75	2.63	-9.54	33.33	53.98	-20.65
* 19545.00	Peak	H	-	-	-56.92	2.63	-9.54	43.17	73.98	-30.81
26060.00	Peak	H	-	-	-57.42	4.83	-9.54	44.87	68.20	-23.33
32575.00	Peak	H	-	-	-56.96	6.80	-9.54	47.29	68.20	-20.91

**Table 7-131. Radiated Measurements MIMO (106 Tones)**

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 599 of 630



**Plot 7-1019. Radiated Spurious Plot above 1GHz MIMO (802.11ax– UNII Band 7 – 20MHz – Ch.149)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6535MHz  
 Channel: 117

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
13070.00	Peak	H	-	-	-71.94	16.02	0.00	51.08	68.20	-17.12
* 19605.00	Average	H	-	-	-66.61	2.75	-9.54	33.60	53.98	-20.38
* 19605.00	Peak	H	-	-	-57.70	2.75	-9.54	42.51	73.98	-31.47
26140.00	Peak	H	-	-	-56.62	5.14	-9.54	45.98	68.20	-22.22
32675.00	Peak	H	-	-	-56.38	7.15	-9.54	48.24	68.20	-19.96

**Table 7-132. Radiated Measurements MIMO (106 Tones)**

<b>FCC ID: C3K1997</b>	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2204040049-18-R2.C3K	<b>Test Dates:</b> 3/14/2022 – 8/18/2022	<b>EUT Type:</b> Portable Computing Device	Page 600 of 630



Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6695MHz  
 Channel: 149

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
* 13390.00	Average	H	-	-	-83.19	15.48	0.00	39.29	53.98	-14.69
* 13390.00	Peak	H	-	-	-70.95	15.48	0.00	51.53	73.98	-22.45
* 20085.00	Average	H	-	-	-66.87	3.06	-9.54	33.65	53.98	-20.33
* 20085.00	Peak	H	-	-	-57.04	3.06	-9.54	43.48	73.98	-30.50
26780.00	Peak	H	-	-	-57.19	5.33	-9.54	45.59	68.20	-22.61
33475.00	Peak	H	-	-	-56.74	7.51	-9.54	48.23	68.20	-19.97

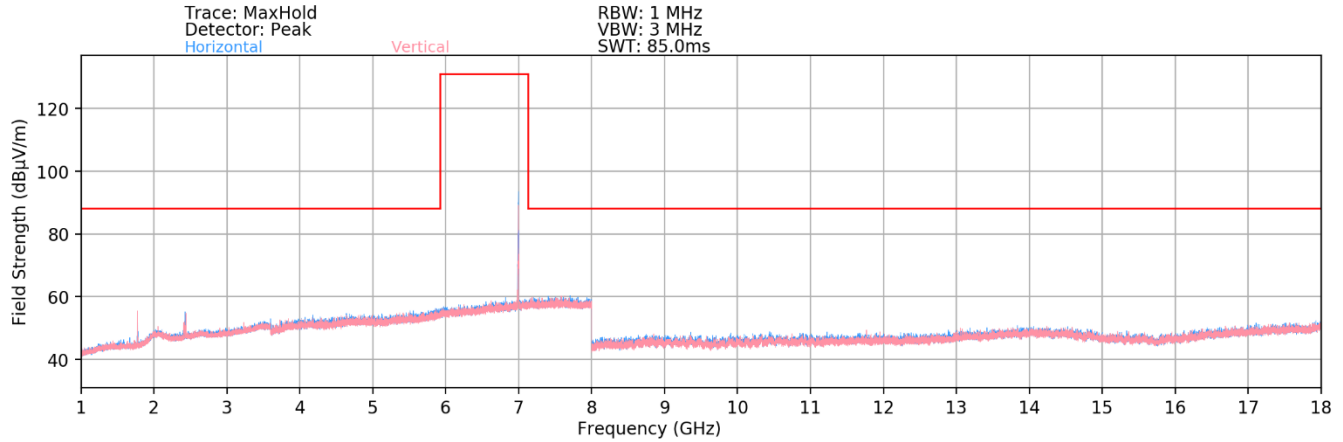
**Table 7-133. Radiated Measurements MIMO (106 Tones)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6875MHz  
 Channel: 185

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
13750.00	Peak	H	-	-	-72.80	17.13	0.00	51.33	68.20	-16.87
* 20625.00	Average	H	-	-	-67.46	3.32	-9.54	33.32	53.98	-20.66
* 20625.00	Peak	H	-	-	-57.33	3.32	-9.54	43.45	73.98	-30.53
27500.00	Peak	H	-	-	-56.61	4.97	-9.54	45.81	68.20	-22.39
34375.00	Peak	H	-	-	-56.13	7.82	-9.54	49.15	68.20	-19.05

**Table 7-134. Radiated Measurements MIMO (106 Tones)**

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 601 of 630



**Plot 7-1020. Radiated Spurious Plot above 1GHz MIMO (802.11ax– UNII Band 8 – 20MHz – Ch.209)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6895MHz  
 Channel: 189

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
13790.00	Peak	H	-	-	-72.26	16.84	0.00	51.58	68.20	-16.62
* 20685.00	Average	H	-	-	-65.94	3.24	-9.54	34.75	53.98	-19.23
* 20685.00	Peak	H	-	-	-57.75	3.24	-9.54	42.95	73.98	-31.03
27580.00	Peak	H	-	-	-56.93	5.11	-9.54	45.64	68.20	-22.56
34475.00	Peak	H	-	-	-56.16	7.75	-9.54	49.04	68.20	-19.16

**Table 7-135. Radiated Measurements MIMO (106 Tones)**

<b>FCC ID:</b> C3K1997	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2204040049-18-R2.C3K	<b>Test Dates:</b> 3/14/2022 – 8/18/2022	<b>EUT Type:</b> Portable Computing Device	Page 602 of 630



Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6995MHz  
 Channel: 209

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
13990.00	Peak	H	-	-	-71.56	17.39	0.00	52.83	68.20	-15.37
* 20985.00	Average	H	-	-	-67.60	3.52	-9.54	33.38	53.98	-20.60
* 20985.00	Peak	H	-	-	-57.26	3.52	-9.54	43.72	73.98	-30.26
27980.00	Peak	H	-	-	-56.79	4.92	-9.54	45.59	68.20	-22.61
34975.00	Peak	H	-	-	-56.73	8.03	-9.54	48.76	68.20	-19.44

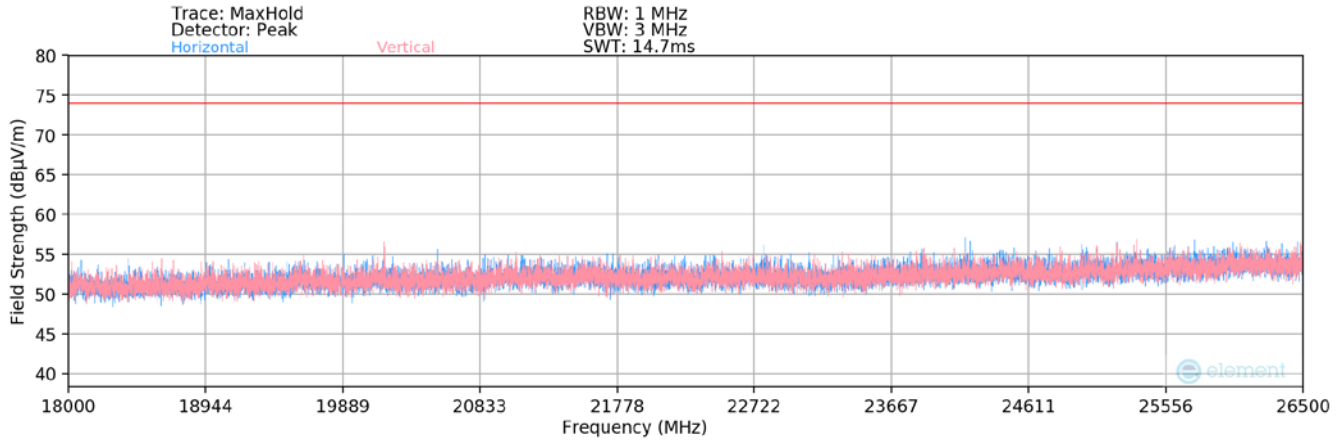
**Table 7-136. Radiated Measurements MIMO (106 Tones)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 54  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 7115MHz  
 Channel: 233

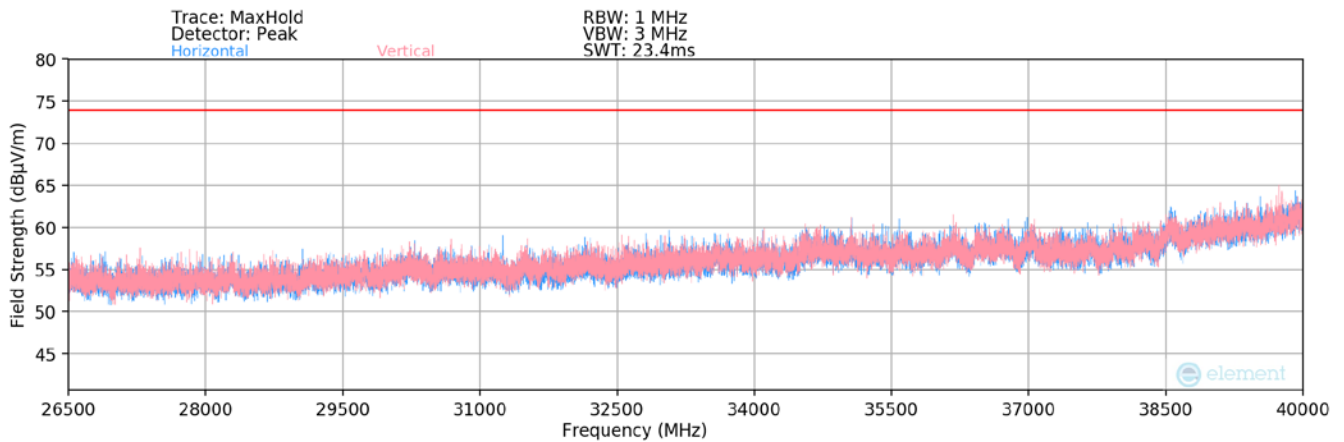
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
14230.00	Peak	H	-	-	-72.13	17.37	0.00	52.24	68.20	-15.96
* 21345.00	Average	H	-	-	-67.52	3.97	-9.54	33.90	53.98	-20.07
* 21345.00	Peak	H	-	-	-57.92	3.97	-9.54	43.51	73.98	-30.47
28460.00	Peak	H	-	-	-57.39	5.18	-9.54	45.24	68.20	-22.96
35575.00	Peak	H	-	-	-56.19	7.82	-9.54	49.09	68.20	-19.11

**Table 7-137. Radiated Measurements MIMO (106 Tones)**

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 603 of 630



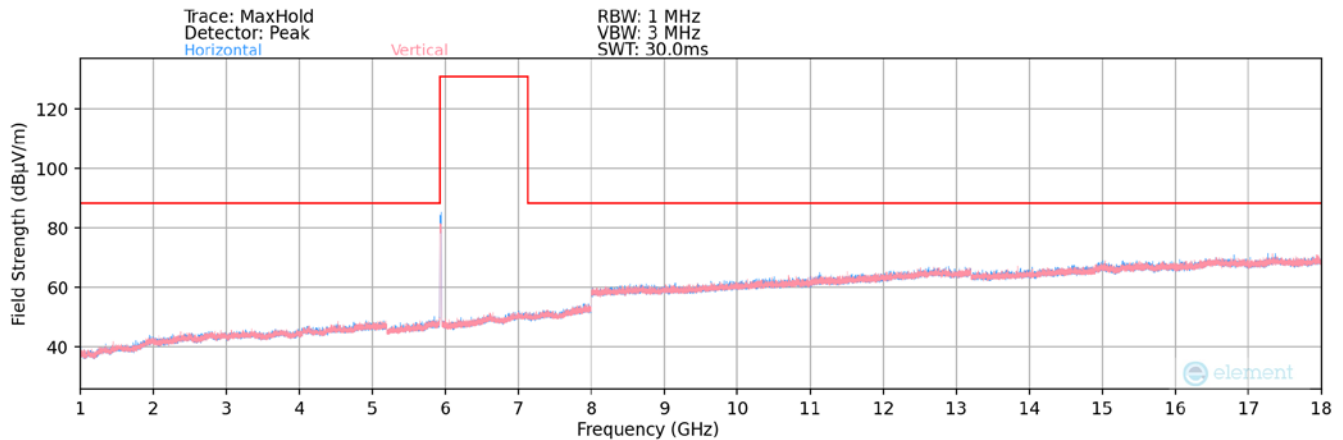
**Plot 7-1021. Radiated Spurious Plot above 18GHz - 26.5GHz MIMO (802.11ax)**



**Plot 7-1022. Radiated Spurious Plot 26.5GHz - 40GHz MIMO (802.11ax)**

<b>FCC ID:</b> C3K1997	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2204040049-18-R2.C3K	<b>Test Dates:</b> 3/14/2022 – 8/18/2022	<b>EUT Type:</b> Portable Computing Device	Page 604 of 630

### 7.7.7 MIMO Radiated Spurious Emission Measurements (242 Tones)



Plot 7-1023. Radiated Spurious Plot above 1GHz MIMO (802.11ax – UNII Band 5 – 20MHz – Ch.45)

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 5935MHz  
 Channel: 2

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
* 11870.00	Average	H	-	-	-82.01	16.01	0.00	41.00	53.98	-12.98
* 11870.00	Peak	H	-	-	-71.36	16.01	0.00	51.65	73.98	-22.33
* 17805.00	Average	H	-	-	-82.29	22.89	0.00	47.60	53.98	-6.38
* 17805.00	Peak	H	-	-	-73.11	22.89	0.00	56.78	73.98	-17.20
* 23740.00	Average	H	-	-	-66.95	3.94	-9.54	34.46	53.98	-19.52
* 23740.00	Peak	H	-	-	-57.15	3.94	-9.54	44.25	73.98	-29.72
* 29675.00	Peak	H	-	-	-57.76	6.30	-9.54	46.00	68.20	-22.20

Table 7-138. Radiated Measurements MIMO (242 Tones)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 605 of 630



Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6175MHz  
 Channel: 45

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
* 12350.00	Average	H	-	-	-82.04	14.49	0.00	39.45	53.98	-14.53
* 12350.00	Peak	H	-	-	-71.68	14.49	0.00	49.81	73.98	-24.17
* 18525.00	Average	H	-	-	-66.67	1.93	-9.54	32.72	53.98	-21.26
* 18525.00	Peak	H	-	-	-57.56	1.93	-9.54	41.83	73.98	-32.15
24700.00	Peak	H	-	-	-55.65	4.39	-9.54	46.20	68.20	-22.00
30875.00	Peak	H	-	-	-57.94	6.89	-9.54	46.41	68.20	-21.79

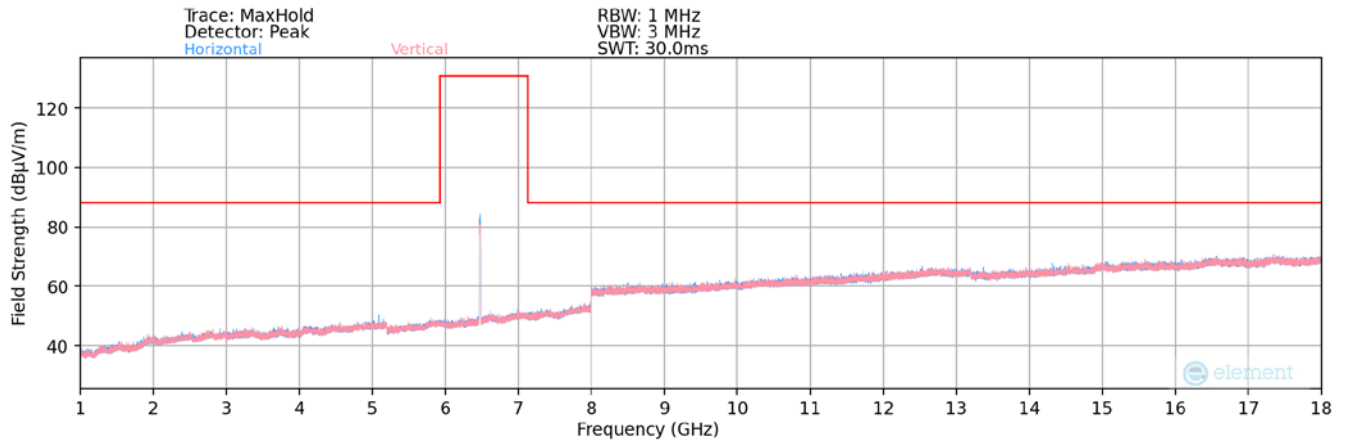
**Table 7-139. Radiated Measurements MIMO (242 Tones)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6415MHz  
 Channel: 93

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
12830.00	Peak	H	-	-	-71.58	14.56	0.00	49.98	68.20	-18.22
* 19245.00	Average	H	-	-	-66.49	2.30	-9.54	33.27	53.98	-20.71
* 19245.00	Peak	H	-	-	-57.43	2.30	-9.54	42.33	73.98	-31.65
25660.00	Peak	H	-	-	-57.25	4.61	-9.54	44.82	68.20	-23.38
32075.00	Peak	H	-	-	-57.46	7.18	-9.54	47.18	68.20	-21.02

**Table 7-140. Radiated Measurements MIMO (242 Tones)**

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 606 of 630



**Plot 7-1024. Radiated Spurious Plot above 1GHz MIMO (802.11ax– UNII Band 6 – 20MHz – Ch.105)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6435MHz  
 Channel: 97

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
12870.00	Peak	H	-	-	-71.93	14.76	0.00	49.83	68.20	-18.37
* 19305.00	Average	H	-	-	-66.90	2.61	-9.54	33.17	53.98	-20.81
* 19305.00	Peak	H	-	-	-56.25	2.61	-9.54	43.82	73.98	-30.16
25740.00	Peak	H	-	-	-55.75	4.71	-9.54	46.42	68.20	-21.78
32175.00	Peak	H	-	-	-56.61	7.21	-9.54	48.06	68.20	-20.14

**Table 7-141. Radiated Measurements MIMO (242 Tones)**

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 607 of 630



Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6475MHz  
 Channel: 105

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
12950.00	Peak	H	-	-	-72.42	14.69	0.00	49.27	68.20	-18.93
* 19425.00	Average	H	-	-	-66.55	2.67	-9.54	33.58	53.98	-20.40
* 19425.00	Peak	H	-	-	-56.69	2.67	-9.54	43.43	73.98	-30.55
25900.00	Peak	H	-	-	-56.25	4.77	-9.54	45.98	68.20	-22.22
32375.00	Peak	H	-	-	-57.73	6.96	-9.54	46.69	68.20	-21.51

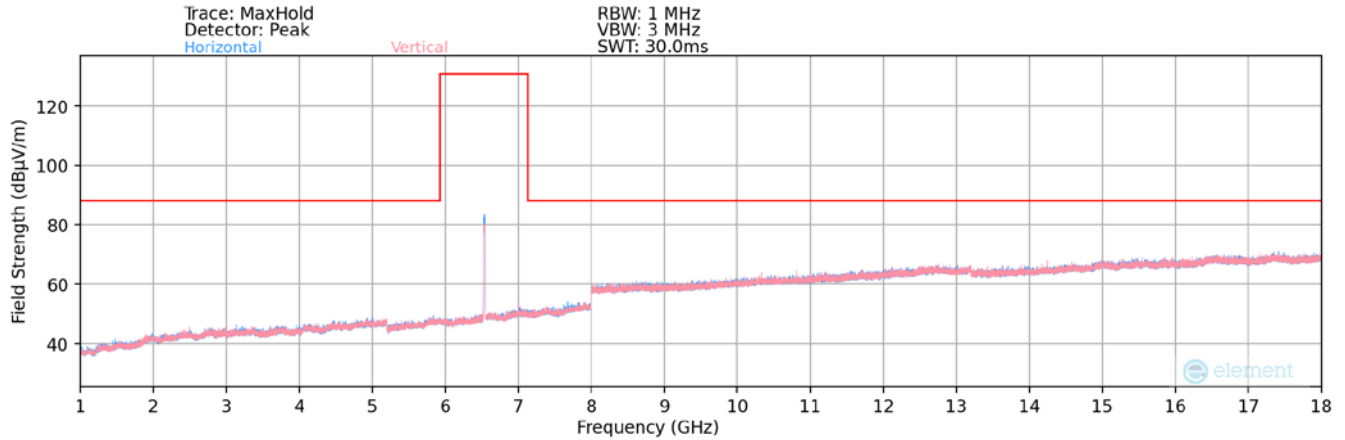
**Table 7-142. Radiated Measurements MIMO (242 Tones)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6515MHz  
 Channel: 113

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
13030.00	Peak	H	-	-	-71.22	15.59	0.00	51.37	68.20	-16.83
* 19545.00	Average	H	-	-	-66.68	2.63	-9.54	33.41	53.98	-20.57
* 19545.00	Peak	H	-	-	-56.88	2.63	-9.54	43.21	73.98	-30.77
26060.00	Peak	H	-	-	-56.87	4.83	-9.54	45.42	68.20	-22.78
32575.00	Peak	H	-	-	-55.91	6.80	-9.54	48.35	68.20	-19.85

**Table 7-143. Radiated Measurements MIMO (242 Tones)**

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 608 of 630



**Plot 7-1025. Radiated Spurious Plot above 1GHz MIMO (802.11ax– UNII Band 7 – 20MHz – Ch.149)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6535MHz  
 Channel: 117

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
13070.00	Peak	H	-	-	-72.17	16.02	0.00	50.85	68.20	-17.35
* 19605.00	Average	H	-	-	-66.81	2.75	-9.54	33.40	53.98	-20.58
* 19605.00	Peak	H	-	-	-56.61	2.75	-9.54	43.60	73.98	-30.38
26140.00	Peak	H	-	-	-57.36	5.14	-9.54	45.23	68.20	-22.97
32675.00	Peak	H	-	-	-56.07	7.15	-9.54	48.54	68.20	-19.66

**Table 7-144. Radiated Measurements MIMO (242 Tones)**

<b>FCC ID:</b> C3K1997	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2204040049-18-R2.C3K	<b>Test Dates:</b> 3/14/2022 – 8/18/2022	<b>EUT Type:</b> Portable Computing Device	Page 609 of 630



Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6695MHz  
 Channel: 149

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
* 13390.00	Average	H	-	-	-71.61	15.48	0.00	50.87	53.98	-3.11
* 13390.00	Peak	H	-	-	-67.81	15.48	0.00	54.67	73.98	-19.31
* 20085.00	Average	H	-	-	-66.77	3.06	-9.54	33.75	53.98	-20.23
* 20085.00	Peak	H	-	-	-55.99	3.06	-9.54	44.53	73.98	-29.45
26780.00	Peak	H	-	-	-56.81	5.33	-9.54	45.97	68.20	-22.23
33475.00	Peak	H	-	-	-55.85	7.51	-9.54	49.12	68.20	-19.08

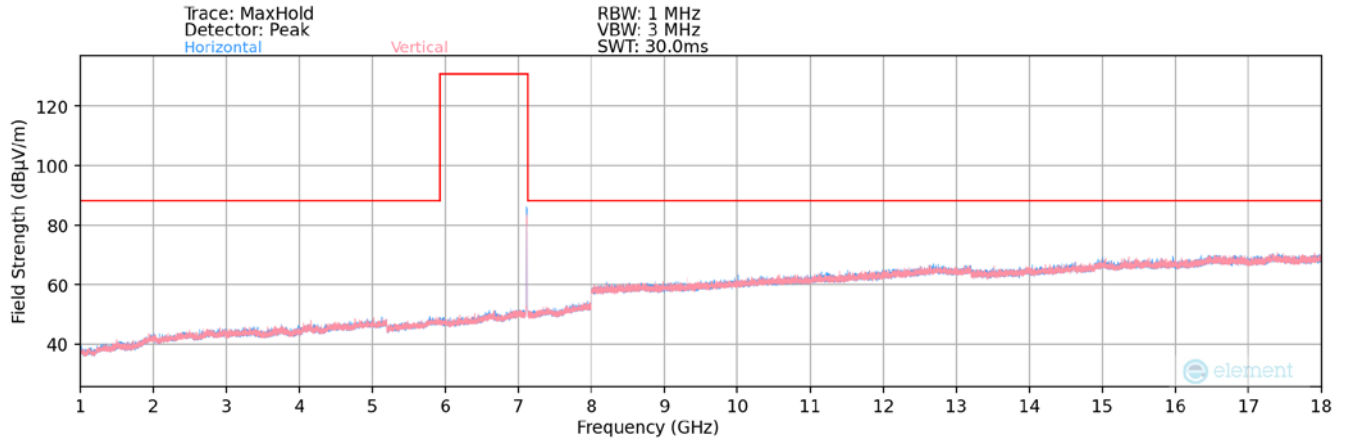
**Table 7-145. Radiated Measurements MIMO (242 Tones)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6875MHz  
 Channel: 185

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
13750.00	Peak	H	-	-	-72.84	17.13	0.00	51.29	68.20	-16.91
* 20625.00	Average	H	-	-	-66.94	3.32	-9.54	33.84	53.98	-20.14
* 20625.00	Peak	H	-	-	-58.01	3.32	-9.54	42.77	73.98	-31.21
27500.00	Peak	H	-	-	-56.88	4.97	-9.54	45.54	68.20	-22.66
34375.00	Peak	H	-	-	-56.35	7.82	-9.54	48.93	68.20	-19.27

**Table 7-146. Radiated Measurements MIMO (242 Tones)**

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 610 of 630



**Plot 7-1026. Radiated Spurious Plot above 1GHz MIMO (802.11ax– UNII Band 8 – 20MHz – Ch.209)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6895MHz  
 Channel: 189

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
13790.00	Peak	H	-	-	-71.32	16.84	0.00	52.52	68.20	-15.68
* 20685.00	Average	H	-	-	-66.88	3.24	-9.54	33.81	53.98	-20.17
* 20685.00	Peak	H	-	-	-57.24	3.24	-9.54	43.45	73.98	-30.52
27580.00	Peak	H	-	-	-57.83	5.11	-9.54	44.74	68.20	-23.46
34475.00	Peak	H	-	-	-56.15	7.75	-9.54	49.05	68.20	-19.15

**Table 7-147. Radiated Measurements MIMO (242 Tones)**

<b>FCC ID:</b> C3K1997	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2204040049-18-R2.C3K	<b>Test Dates:</b> 3/14/2022 – 8/18/2022	<b>EUT Type:</b> Portable Computing Device	Page 611 of 630



Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 6995MHz  
 Channel: 209

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
13990.00	Peak	H	-	-	-71.44	17.39	0.00	52.95	68.20	-15.25
* 20985.00	Average	H	-	-	-67.69	3.52	-9.54	33.29	53.98	-20.69
* 20985.00	Peak	H	-	-	-58.56	3.52	-9.54	42.42	73.98	-31.56
27980.00	Peak	H	-	-	-56.85	4.92	-9.54	45.53	68.20	-22.67
34975.00	Peak	H	-	-	-55.58	8.03	-9.54	49.91	68.20	-18.29

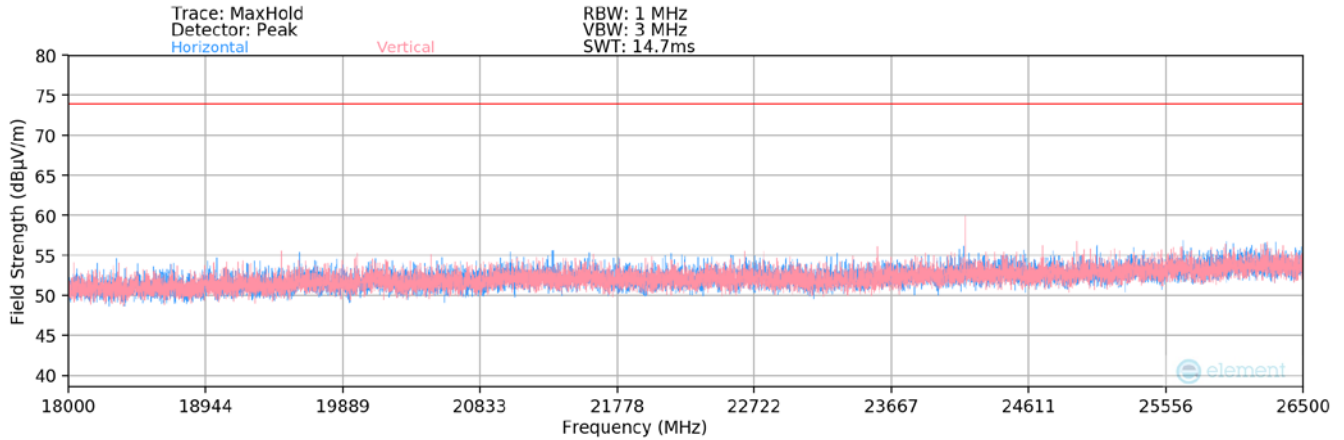
**Table 7-148. Radiated Measurements MIMO (242 Tones)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 Distance of Measurements: 1 & 3 Meters  
 Operating Frequency: 7115MHz  
 Channel: 233

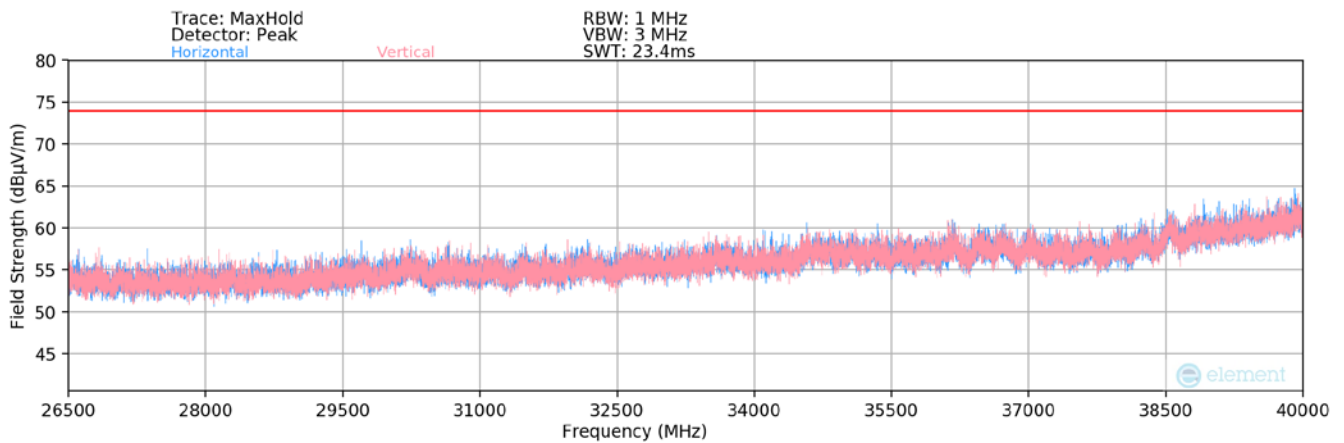
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Distance Correction Factor [dB]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
14230.00	Peak	H	-	-	-72.08	17.37	0.00	52.29	68.20	-15.91
* 21345.00	Average	H	-	-	-67.75	3.97	-9.54	33.67	53.98	-20.31
* 21345.00	Peak	H	-	-	-57.60	3.97	-9.54	43.83	73.98	-30.15
28460.00	Peak	H	-	-	-57.23	5.18	-9.54	45.40	68.20	-22.80
35575.00	Peak	H	-	-	-53.81	7.82	-9.54	51.47	68.20	-16.73

**Table 7-149. Radiated Measurements MIMO (242 Tones)**

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 612 of 630



**Plot 7-1027. Radiated Spurious Plot above 18GHz - 26.5GHz MIMO (802.11ax)**



**Plot 7-1028. Radiated Spurious Plot 26.5GHz - 40GHz MIMO (802.11ax)**

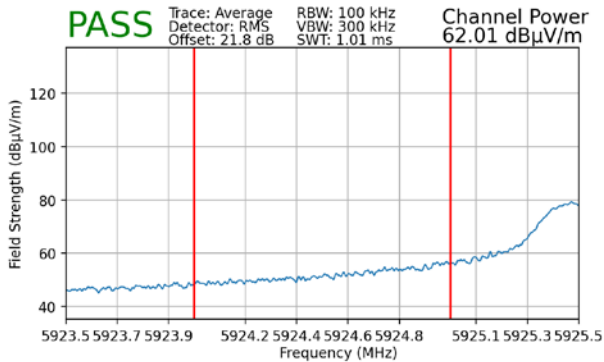
<b>FCC ID:</b> C3K1997	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2204040049-18-R2.C3K	<b>Test Dates:</b> 3/14/2022 – 8/18/2022	<b>EUT Type:</b> Portable Computing Device	Page 613 of 630





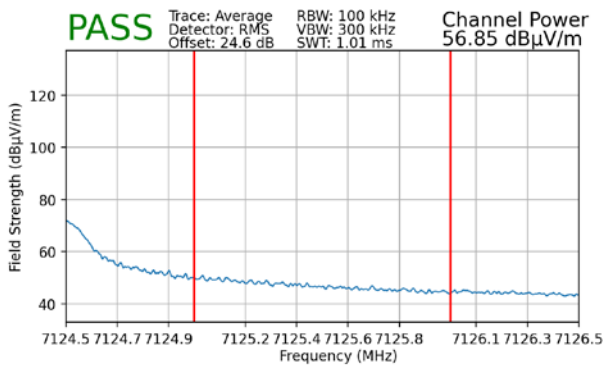
**7.7.8 SISO ANT1 Radiated Band Edge Measurements (20MHz BW – Full Tone)**  
**§15.407(b.6) §15.205 §15.209**

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index	61
Distance of Measurements:	3 Meters
Operating Frequency:	5935MHz
Channel:	2



**Plot 7-1029. Radiated Lower Band Edge Plot SISO ANT1 (Average – UNII Band 5)**

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index	61
Distance of Measurements:	3 Meters
Operating Frequency:	7115MHz
Channel:	233



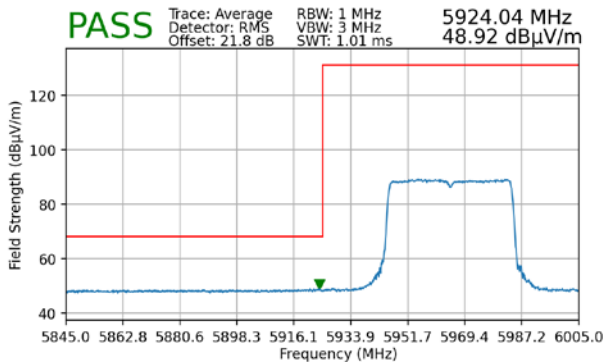
**Plot 7-1030. Radiated Upper Band Edge Plot SISO ANT1 (Average – UNII Band 8)**

<b>FCC ID:</b> C3K1997	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2204040049-18-R2.C3K	<b>Test Dates:</b> 3/14/2022 – 8/18/2022	<b>EUT Type:</b> Portable Computing Device	Page 614 of 630

### 7.7.9 SISO ANT1 Radiated Band Edge Measurements (40MHz BW – Full Tone)

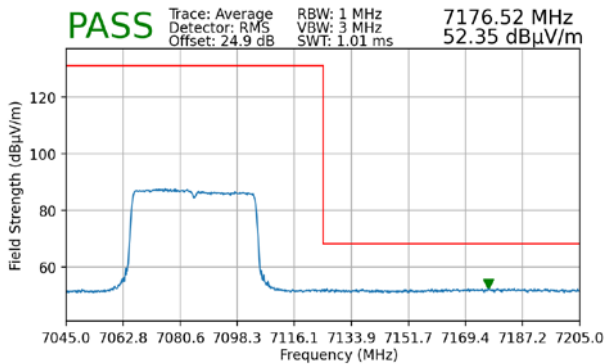
§15.407(b.5) §15.205 §15.209

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index	65
Distance of Measurements:	3 Meters
Operating Frequency:	5965MHz
Channel:	3



**Plot 7-1031. Radiated Lower Band Edge Plot SISO ANT1 (Average – UNII Band 5)**

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index	65
Distance of Measurements:	3 Meters
Operating Frequency:	7085MHz
Channel:	227



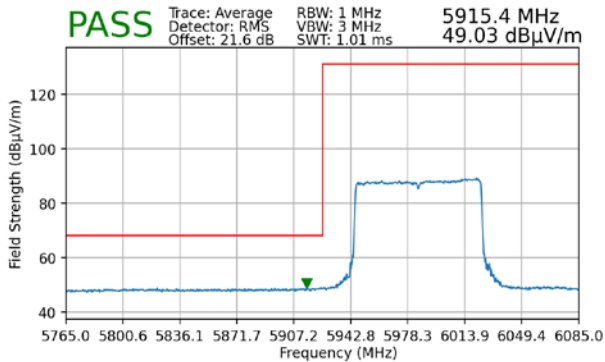
**Plot 7-1032. Radiated Upper Band Edge Plot SISO ANT1 (Average – UNII Band 8)**

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 615 of 630



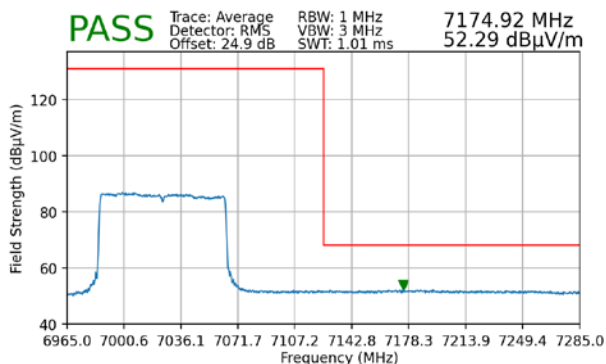
**7.7.10 SISO ANT1 Radiated Band Edge Measurements (80MHz BW Full Tone)**  
**§15.407(b.5) §15.205 §15.209**

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index	67
Distance of Measurements:	3 Meters
Operating Frequency:	5985MHz
Channel:	7



**Plot 7-1033. Radiated Lower Band Edge Plot SISO ANT1 (Average – UNII Band 5)**

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index	67
Distance of Measurements:	3 Meters
Operating Frequency:	7025MHz
Channel:	215



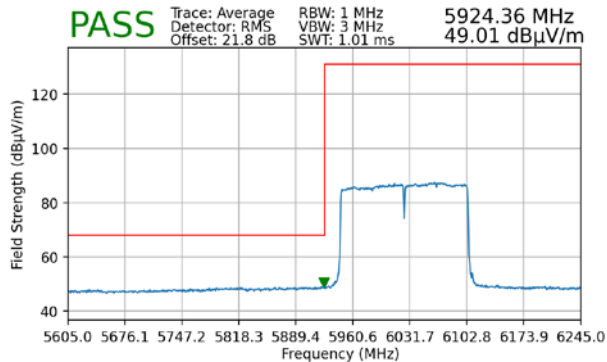
**Plot 7-1034. Radiated Upper Band Edge Plot SISO ANT1 (Average – UNII Band 8)**

<b>FCC ID:</b> C3K1997	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2204040049-18-R2.C3K	<b>Test Dates:</b> 3/14/2022 – 8/18/2022	<b>EUT Type:</b> Portable Computing Device	Page 616 of 630

### 7.7.11 SISO ANT1 Radiated Band Edge Measurements (160MHz BW Full Tone)

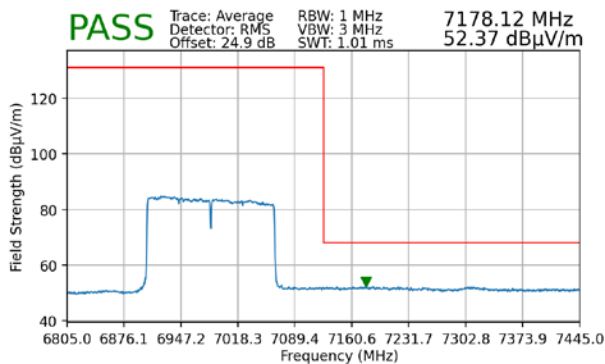
§15.407(b.5) §15.205 §15.209

Worst Case Mode:	1602.11ax
Worst Case Transfer Rate:	MCS0
RU Index	67
Distance of Measurements:	3 Meters
Operating Frequency:	6025 MHz
Channel:	15



**Plot 7-1035. Radiated Lower Band Edge Plot SISO ANT1 (Average – UNII Band 5)**

Worst Case Mode:	1602.11ax
Worst Case Transfer Rate:	MCS0
RU Index	67
Distance of Measurements:	3 Meters
Operating Frequency:	6985 MHz
Channel:	207



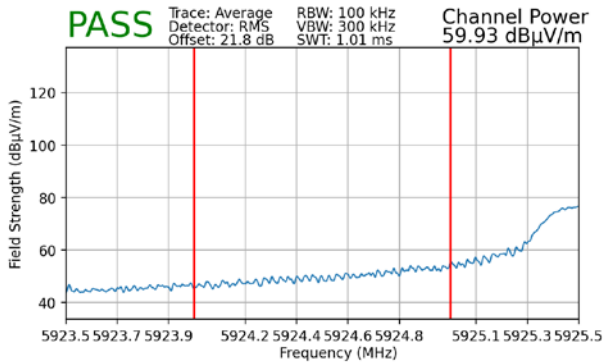
**Plot 7-1036. Radiated Upper Band Edge Plot SISO ANT1 (Average – UNII Band 8)**

FCC ID: C3K1997	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 617 of 630



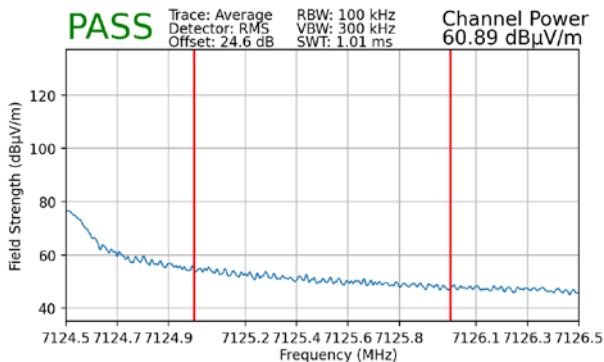
**7.7.12 SISO ANT2 Radiated Band Edge Measurements (20MHz BW – Full Tone)**  
**§15.407(b.6) §15.205 §15.209**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5935MHz  
 Channel: 2



**Plot 7-1037. Radiated Lower Band Edge Plot SISO ANT2 (Average – UNII Band 5)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 7115MHz  
 Channel: 233



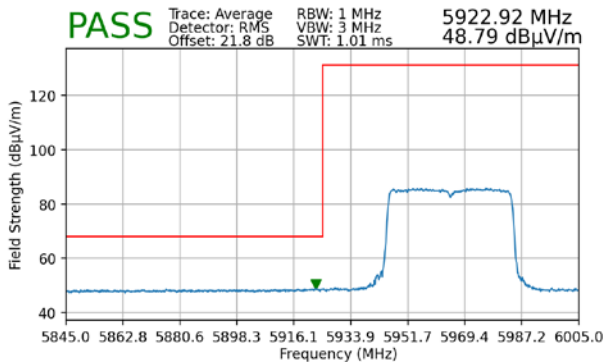
**Plot 7-1038. Radiated Upper Band Edge Plot SISO ANT2 (Average – UNII Band 8)**

<b>FCC ID:</b> C3K1997	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2204040049-18-R2.C3K	<b>Test Dates:</b> 3/14/2022 – 8/18/2022	<b>EUT Type:</b> Portable Computing Device	Page 618 of 630



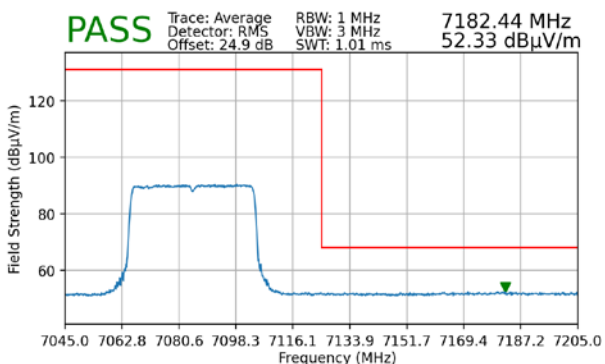
**7.7.13 SISO ANT2 Radiated Band Edge Measurements (40MHz BW – Full Tone)**  
**§15.407(b.5) §15.205 §15.209**

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index	65
Distance of Measurements:	3 Meters
Operating Frequency:	5965MHz
Channel:	3



**Plot 7-1039. Radiated Lower Band Edge Plot SISO ANT2 (Average – UNII Band 5)**

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index	65
Distance of Measurements:	3 Meters
Operating Frequency:	7085MHz
Channel:	227



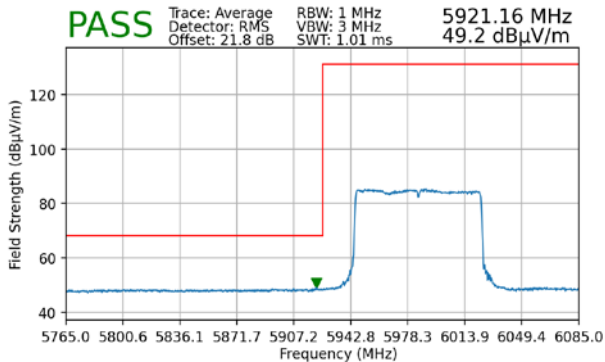
**Plot 7-1040. Radiated Upper Band Edge Plot SISO ANT2 (Average – UNII Band 8)**

<b>FCC ID:</b> C3K1997	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2204040049-18-R2.C3K	<b>Test Dates:</b> 3/14/2022 – 8/18/2022	<b>EUT Type:</b> Portable Computing Device	Page 619 of 630

### 7.7.14 SISO ANT2 Radiated Band Edge Measurements (80MHz BW Full Tone)

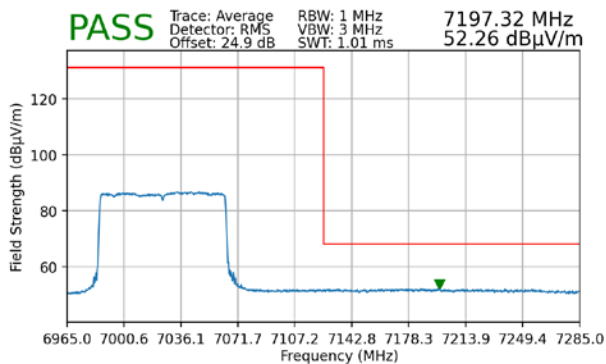
§15.407(b.5) §15.205 §15.209

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 67  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5985MHz  
 Channel: 7



**Plot 7-1041. Radiated Lower Band Edge Plot SISO ANT2 (Average – UNII Band 5)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 67  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 7025MHz  
 Channel: 215



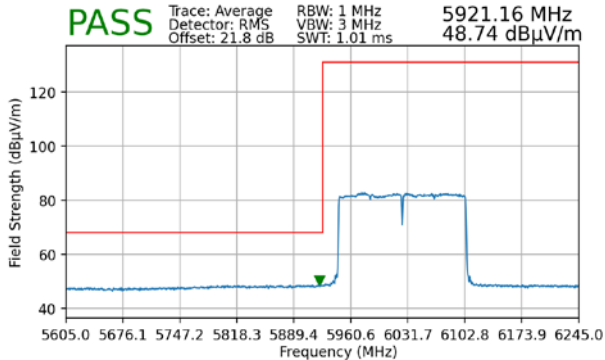
**Plot 7-1042. Radiated Upper Band Edge Plot SISO ANT2 (Average – UNII Band 8)**

FCC ID: C3K1997	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 620 of 630



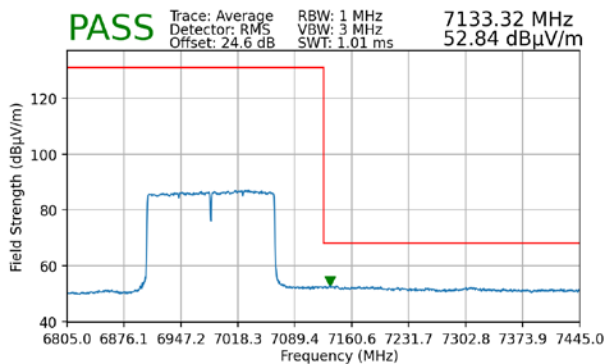
**7.7.15 SISO ANT2 Radiated Band Edge Measurements (160MHz BW Full Tone)**  
**§15.407(b.5) §15.205 §15.209**

Worst Case Mode: 1602.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 67  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 6025 MHz  
 Channel: 15



**Plot 7-1043. Radiated Lower Band Edge Plot SISO ANT2 (Average – UNII Band 5)**

Worst Case Mode: 1602.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 67  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 6985 MHz  
 Channel: 207



**Plot 7-1044. Radiated Upper Band Edge Plot SISO ANT2 (Average – UNII Band 8)**

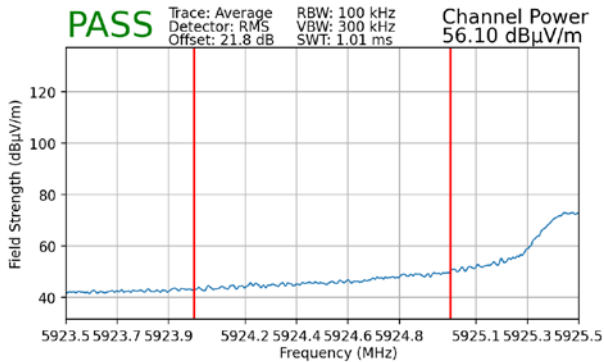
FCC ID: C3K1997	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 621 of 630





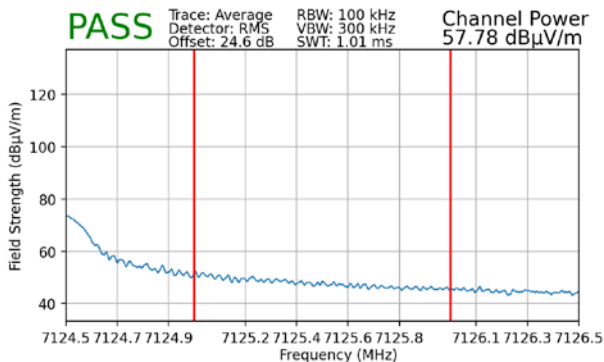
**7.7.16 MIMO Radiated Band Edge Measurements (20MHz BW – Full Tone)**  
**§15.407(b.6) §15.205 §15.209**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 5935MHz  
 Channel: 2



**Plot 7-1045. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 5)**

Worst Case Mode: 802.11ax  
 Worst Case Transfer Rate: MCS0  
 RU Index: 61  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 7115MHz  
 Channel: 233



**Plot 7-1046. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 8)**

<b>FCC ID:</b> C3K1997	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2204040049-18-R2.C3K	<b>Test Dates:</b> 3/14/2022 – 8/18/2022	<b>EUT Type:</b> Portable Computing Device	Page 622 of 630